Annotated for Statistical Reporting Purposes

#### SECTION XVI

MACHINERY AND MECHANICAL APPLIANCES; ELECTRICAL EQUIPMENT; PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND ACCESSORIES OF SUCH ARTICLES

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#### **Notes**

- This section does not cover:
  - (a) Transmission, conveyor or elevator belts or belting, of plastics of chapter 39, or of vulcanized rubber (heading 4010), or other articles of a kind used in machinery or mechanical or electrical appliances or for other technical uses, of vulcanized rubber other than hard rubber (heading 4016);
  - (b) Articles of leather or of composition leather (heading 4205) or of furskin (heading 4303), of a kind used in machinery or mechanical appliances or for other technical uses;
  - (c) Bobbins, spools, cops, cones, cores, reels or similar supports, of any material (for example, chapter 39, 40, 44 or 48 or section XV);
  - (d) Perforated cards for Jacquard or similar machines (for example, chapter 39 or 48 or section XV);
  - (e) Transmission or conveyor belts or belting of textile material (heading 5910) or other articles of textile material for technical uses (heading 5911);
  - (f) Precious or semiprecious stones (natural, synthetic or reconstructed) of headings 7102 to 7104, or articles wholly of such stones of heading 7116, except unmounted worked sapphires and diamonds for styli (heading 8522);
  - (g) Parts of general use, as defined in note 2 to section XV, of base metal (section XV), or similar goods of plastics (chapter 39):
  - (h) Drill pipe (heading 7304);
  - (ij) Endless belts of metal wire or strip (section XV);
  - (k) Articles of chapter 82 or 83;
  - (I) Articles of section XVII;
  - (m) Articles of chapter 90;
  - (n) Clocks, watches or other articles of chapter 91;
  - (o) Interchangeable tools of heading 8207 or brushes of a kind used as parts of machines (heading 9603); similar interchangeable tools are to be classified according to the constituent material of their working part (for example, in chapter 40, 42, 43, 45 or 59 or heading 6804 or 6909);
  - (p) Articles of chapter 95; or
  - (q) Typewriter or similar ribbons, whether or not on spools or in cartridges (classified according to their constituent material, or in heading 9612 if inked or otherwise prepared for giving impressions), or monopods, bipods, tripods and similar articles, of heading 9620.
- 2. Subject to note 1 to this section, note 1 to chapter 84 and to note 1 to chapter 85, parts of machines (not being parts of the articles of heading 8484, 8544, 8545, 8546 or 8547) are to be classified according to the following rules:
  - (a) Parts which are goods included in any of the headings of chapter 84 or 85 (other than headings 8409, 8431, 8448, 8466, 8473, 8487, 8503, 8522, 8529, 8538 and 8548) are in all cases to be classified in their respective headings;
  - (b) Other parts, if suitable for use solely or principally with a particular kind of machine, or with a number of machines of the same heading (including a machine of heading 8479 or 8543) are to be classified with the machines of that kind or in heading 8409, 8431, 8448, 8466, 8473, 8503, 8522, 8529 or 8538 as appropriate. However, parts which are equally suitable for use principally with the goods of headings 8517 and 8525 to 8528 are to be classified in heading 8517;

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- (c) All other parts are to be classified in heading 8409, 8431, 8448, 8466, 8473, 8503, 8522, 8529 or 8538 as appropriate or, failing that, in heading 8487 or 8548.
- 3. Unless the context otherwise requires, composite machines consisting of two or more machines fitted together to form a whole and other machines designed for the purpose of performing two or more complementary or alternative functions are to be classified as if consisting only of that component or as being that machine which performs the principal function.
- 4. Where a machine (including a combination of machines) consists of individual components (whether separate or interconnected by piping, by transmission devices, by electric cables or by other devices) intended to contribute together to a clearly defined function covered by one of the headings in chapter 84 or chapter 85, then the whole falls to be classified in the heading appropriate to that function.
- 5. For the purposes of these notes, the expression "machine" means any machine, machinery, plant, equipment, apparatus or appliance cited in the headings of chapter 84 or 85.

### Additional U.S. Note

 For the purposes of this section, the term "printed circuit assembly" means goods consisting of one or more printed circuits of heading 8534 with one or more active elements assembled thereon, with or without passive elements. For the purposes of this note, "active elements" means diodes, transistors and similar semiconductor devices, whether or not photosensitive, of heading 8541, and integrated circuits of heading 8542.

### Statistical Note

- 1. Provisions for semiconductor manufacturing and testing machines and apparatus cover products for the growth and processing of semiconductor materials, such as silicon and gallium arsenide, the processing of such materials into semiconductor devices and the testing of such devices (in general the testing equipment, as well as some of the processing equipment, is classified in chapter 90). More specifically the goods include the following:
  - (a) Wafer manufacturing equipment:
    - (i) Crystal growers & pullers used to produce extremely pure monocrystalline semiconductor boules from which wafers can be sliced. Most common methods employed in these crystal growers and pullers are the Czochralski and float zone methods.
    - (ii) Wafer preparation equipment:
      - (A) Crystal grinders used to grind the crystal boule to precise diameter required for wafers and to grind the flats on the boule to indicate the conductivity type and resistivity of the crystal.
      - (B) Wafer slicing saws used to slice wafers from a boule of monocrystalline semiconductor material.
      - (C) Wafer grinders, lappers and polishers used to prepare the semiconductor wafer for the fabrication process. This involves bringing the wafer within dimensional tolerances. Especially critical is the flatness of its surface.
  - (b) Mask fabrication and repair equipment:
    - (i) Fabrication equipment used to transfer design patterns to a mask or reticle, this equipment generally utilizes optical, electron beam or X-rays to write circuit patterns on photoresist coated substrates. After development, these substrates become the mask or reticle for wafer fabrication.
    - (ii) Repair equipment this equipment generally utilizes focused ion beams or laser beams. They are used directly on the mask or reticle to remove chrome.
  - (c) Wafer fabrication equipment:
    - (i) Film formation equipment used to apply or produce various films on the surface of the wafer during the fabrication process. These films serve as conductors, insulators and semiconductors on the finished device. They may include oxides and nitrides of the substrate surface, metals, and epitaxial layers. The processes and equipments listed below are not necessarily limited to the generation of a particular type of film.
      - (A) Oxidation furnaces used to form a "film" of oxide on the wafer. The oxide is formed by the chemical reaction of the top molecular layers of the wafer with the applied oxygen or steam under heat.

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#### Statistical Note (con.)

- (B) Chemical Vapor Deposition (CVD) equipment used to deposit various types of films which are obtained by combining the appropriate gases in a reactant chamber at elevated temperatures. This constitutes a thermochemical vapor-phase reaction. Operations may take place at atmospheric or low pressure (LPCVD) and may use plasma enhancement (PECVD).
- (C) Physical Vapor Deposition (PVD) equipment used to deposit various types of films which are obtained by vaporizing a solid.
  - (1) Evaporation equipment in which the film is generated by heating the source material.
  - (2) Sputtering equipment in which the film is generated by bombarding the source material (target) with ions.
- (D) Molecular Beam Epitaxy (MBE) equipment used to grow epitaxial layers on a heated monocrystalline substrate in an ultrahigh vacuum using beams of molecules. The process is similar to PVD.
- (ii) Doping equipment which is used to introduce dopants into the wafer surface in order to modify the conductivity or other characteristics of a semiconductor layer:
  - (A) Thermal diffusion equipment in which the dopants are introduced into the surface of the wafer by the application of gases under high temperatures.
  - (B) Ion Implantation in which the dopants are "driven" into the crystal lattice structure of the surface of the wafer in the form of a beam of accelerated ions.
  - (C) Annealing furnaces which are used to repair the crystal lattice structures of the wafer damaged by ion implantation.
- (iii) Etching and stripping equipment used for etching or cleaning surfaces of the wafers.
  - (A) Wet etching equipment in which chemical etching materials are applied by spraying or immersion. Spray etchers provide more uniform results than bath etchers, since they perform the operation on one wafer at a time.
  - (B) Dry plasma etching in which etching materials are presented as gases within a plasma energy field, providing an anisotropic etch profile.
  - (C) Ion beam milling equipment in which ionized gas atoms are accelerated toward the wafer surface. The impact results in the top layer being physically removed from the surface.
  - (D) Strippers or ashers using techniques similar to etching, this apparatus removes the spent photoresist from the surface of the wafer after it has served its purpose as a "stencil". This equipment is also used for removal of nitrides, oxides, and polysilicon, with an isotropic etch profile.
- (iv) Lithography equipment used to transfer the circuit designs to the photoresist coated surface of the semiconductor wafer.
  - (A) Equipment for coating wafers with photoresist these include the photoresist spinners which are used to apply liquid photoresist evenly over the surface of the wafer.
  - (B) Equipment for exposing the photoresist coated wafer with the circuit design (or a part thereof):
    - (1) Using a mask or reticle and exposing the photoresist to light (generally ultraviolet) or, in some instances, X-rays:
      - (a) Contact printers where the mask or reticle is in contact with the wafer during exposure.
      - (b) Proximity aligners similar to contact aligners except actual contact does not take place between the mask or reticle and the wafer.
      - (c) Scanning aligners which use projection techniques to expose a continuously moving slit across the mask and wafer.
      - (d) Step and repeat aligners which use projection techniques to expose the wafer a portion at a time. Exposure can be by reduction from the mask to the wafer or 1:1. Enhancements include the use of an excimer laser.
    - (2) Direct write on wafer equipment these apparatus operate with no mask or reticle. They use a computer controlled "writing beam" (such as an electron beam (E-beam), ion beam or laser) to "draw" the circuit design directly on the photoresist coated wafer.

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### Statistical Note (con.)

(C) Equipment for developing exposed wafers - these include chemical baths similar to those used in photographic laboratory applications.

### (d) Assembly equipment:

- (i) Dicing equipment these include sawing machines and scribing machines (including laser scribers) and dicing accessories such as wafer breaking equipment.
- (ii) Die bonding equipment which installs the die to the package by soldering or gluing
- (iii) Wire bonding equipment used for attaching thin wires or tapes (usually of gold, aluminum or copper) from the die bonding pads to the corresponding pads on the package.
- (iv) Packaging equipment which are used to encapsulate or package a semiconductor device. They include sealing furnaces, lid welders, plastic encapsulation presses, lead trim and form equipment, package deflashers, and tin dip and solder plate equipment.

### (e) Testing and inspection equipment:

- (i) Optical inspection equipment These include equipment that "examines" portions of the wafer surface and compares them either to a standard pattern or to other portions of the wafer surface.
- (ii) Electrical testing equipment These include computer controlled systems that test the functions and electrical specifications of semiconductor devices through the application and detection of electrical signals or patterns. Testing is performed on both unencapsulated dice and packaged integrated circuits.

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#### **CHAPTER 84**

### NUCLEAR REACTORS, BOILERS, MACHINERY AND MECHANICAL APPLIANCES; PARTS THEREOF

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### **Notes**

- This chapter does not cover:
  - (a) Millstones, grindstones or other articles of chapter 68;
  - (b) Machinery or appliances (for example, pumps) of ceramic material and ceramic parts of machinery or appliances of any material (chapter 69);
  - (c) Laboratory glassware (heading 7017); machinery, appliances or other articles for technical uses or parts thereof, of glass (heading 7019 or 7020);
  - (d) Articles of heading 7321 or 7322 or similar articles of other base metals (chapters 74 to 76 or 78 to 81);
  - (e) Vacuum cleaners of heading 8508;
  - (f) Electromechanical domestic appliances of heading 8509; digital cameras of heading 8525;
  - (g) Radiators for the articles of section XVII; or
  - (h) Hand-operated mechanical floor sweepers, not motorized (heading 9603).
- 2. Subject to the operation of Note 3 to Section XVI and subject to Note 9 to this chapter, a machine or appliance which answers to a description in one or more of the headings 8401 to 8424, or heading 8486 and at the same time to a description in one or more of the headings 8425 to 8480 is to be classified under the appropriate heading of the former group or under heading 8486, as the case may be, and not the latter group.

Heading 8419 does not, however, cover:

- (a) Germination plant, incubators or brooders (heading 8436);
- (b) Grain-dampening machines (heading 8437);
- (c) Diffusing apparatus for sugar juice extraction (heading 8438);
- (d) Machinery for the heat treatment of textile yarns, fabrics or made up textile articles (heading 8451); or
- (e) Machinery, plant or laboratory equipment, designed for mechanical operation, in which a change of temperature, even if necessary, is subsidiary.

Heading 8422 does not cover:

- (a) Sewing machines for closing bags or similar containers (heading 8452); or
- (b) Office machinery of heading 8472.

Heading 8424 does not cover:

- (a) Ink-jet printing machines (heading 8443);
- (b) Water-jet cutting machines (heading 8456).
- A machine tool for working any material which answers to a description in heading 8456 and at the same time to a description in heading 8457, 8458, 8459, 8460, 8461, 8464 or 8465 is to be classified in heading 8456.
- 4. Heading 8457 applies only to machine tools for working metal, other than lathes (including turning centers), which can carry out different types of machining operations either:
  - (a) by automatic tool change from a magazine or the like in conformity with a machining program (machining centers),

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Notes (con.)

- (b) by the automatic use, simultaneously or sequentially, of different unit heads working on a fixed position workpiece (unit construction machines, single station), or
- (c) by the automatic transfer of the workpiece to different unit heads (multi-station transfer machines).
- 5. (A) For the purposes of heading 8471, the expression "automatic data processing machines" means machines capable of :
  - (i) Storing the processing program or programs and at least the data immediately necessary for the execution of the program;
  - (ii) Being freely programmed in accordance with the requirements of the user;
  - (iii) Performing arithmetical computations specified by the user; and
  - (iv) Executing, without human intervention, a processing program which requires them to modify their execution, by logical decision during the processing run.
  - (B) Automatic data processing machines may be in the form of systems consisting of a variable number of separate units.
  - (C) Subject to paragraphs (D) and (E) below, a unit is to be regarded as being part of an automatic data processing system if it meets all of the following conditions:
    - (i) It is of a kind solely or principally used in an automatic data processing system;
    - (ii) It is connectable to the central processing unit either directly or through one or more other units; and
    - (iii) It is able to accept or deliver data in a form (codes or signals) which can be used by the system.

Separately presented units of an automatic data processing machine are to be classified in heading 8471.

However, keyboards, X-Y co-ordinate input devices and disk storage units which satisfy the conditions of paragraphs (C) (ii) and (C) (iii) above, are in all cases to be classified as units of heading 8471.

- (D) Heading 8471 does not cover the following when presented separately, even if they meet all of the conditions set forth in Note 5 (C) above:
  - (i) Printers, copying machines, facsimile machines, whether or not combined;
  - (ii) Apparatus for the transmission or reception of voice, images or other data, including apparatus for communication in a wired or wireless network (such as a local or wide area network);
  - (iii) Loudspeakers and microphones;
  - (iv) Television cameras, digital cameras and video camera recorders;
  - (v) Monitors and projectors, not incorporating television reception apparatus.
- (E) Machines incorporating or working in conjunction with an automatic data processing machine and performing a specific function other than data processing are to be classified in the headings appropriate to their respective functions or, failing that, in residual headings.
- Heading 8482 applies, inter alia, to polished steel balls, the maximum and minimum diameters of which do not differ from the nominal diameter by more than 1 percent or by more than 0.05 mm, whichever is less. Other steel balls are to be classified under heading 7326.
- 7. A machine which is used for more than one purpose is, for the purposes of classification, to be treated as if its principal purpose were its sole purpose.

Subject to note 2 to this chapter and note 3 to section XVI, a machine the principal purpose of which is not described in any heading or for which no one purpose is the principal purpose is, unless the context otherwise requires, to be classified in heading 8479. Heading 8479 also covers machines for making rope or cable (for example, stranding, twisting or cabling machines) from metal wire, textile yarn or any other material or from a combination of such materials.

8. For the purposes of heading 8470, the term "pocket-size" applies only to machines the dimensions of which do not exceed 170 mm x 100 mm x 45 mm.

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### Notes (con.)

- 9. (A) Notes 9(a) and 9(b) to chapter 85 also apply with respect to the expressions "semiconductor devices" and "electronic integrated circuits", respectively, as used in this Note and in heading 8486. However, for the purposes of this Note and of heading 8486, the expression "semiconductor devices" also covers photosensitive semiconductor devices and light emitting diodes (LED).
  - (B) For the purposes of this note and of heading 8486, the expression "manufacture of flat panel displays" covers the fabrication of substrates into a flat panel. It does not cover the manufacture of glass or the assembly of printed circuit boards or other electronic components onto the flat panel. The expression "flat panel display" does not cover cathode-ray tube technology.
  - (C) Heading 8486 also includes machines and apparatus solely or principally of a kind used for :
    - (i) the manufacture or repair of masks and reticles;
    - (ii) assembling semiconductor devices or electronic integrated circuits;
    - (iii) lifting, handling, loading or unloading of boules, wafers, semiconductor devices, electronic integrated circuits and flat panel displays.
  - (D) Subject to Note 1 to Section XVI and Note 1 to Chapter 84, machines and apparatus answering to the description in heading 8486 are to be classified in that heading and in no other heading of the tariff schedule.

### Subheading Notes

- For the purposes of subheading 8465.20, the term "machining centers" applies only to machine tools for working wood, cork, bone, hard rubber, hard plastics or similar hard materials, which can carry out different types of machining operations by automatic tool change from a magazine or the like in conformity with a machining program.
- 2. For the purposes of subheading 8471.49, the term "systems" means automatic data processing machines whose units satisfy the conditions laid down in note 5(C) to chapter 84 and which comprise at least a central processing unit, one input unit (for example, a keyboard or a scanner), and one output unit (for example, a visual display unit or a printer).
- 3. For the purposes of subheading 8481.20, the expression "valves for oleohydraulic or pneumatic transmissions" means valves which are used specifically in the transmission of "fluid power" in a hydraulic or pneumatic system, where the energy source is supplied in the form of pressurized fluids (liquid or gas). These valves may be of any type (for example, pressure-reducing type, check type). Subheading 8481.20 takes precedence over all other subheadings of heading 8481.
- 4. Subheading 8482.40 applies only to bearings with cylindrical rollers of a uniform diameter not exceeding 5 mm and having a length which is at least three times the diameter. The ends of the rollers may be rounded.

### Additional U.S. Notes

- For the purposes of subheadings 8479.89.65 and 8479.89.94, the rate of duty "Free (C)" appearing in the column entitled
  "1-Special" applies only to the following articles: nonelectric starter motors; propeller regulators, nonelectric; servo-mechanisms,
  nonelectric; windshield wipers, nonelectric; hydropneumatic accumulators; pneumatic starters for turbojets, turbopropellers, or
  other gas turbines; toilet units specially designed for aircraft; mechanical actuators for thrust reversers.
- 2. Subheading 8443.99.20 covers the following parts of printer units of subheading 8443.32.10:
  - (a) Control or command assemblies, incorporating more than one of the following: printed circuit assembly, hard or flexible (floppy) disk drive, keyboard, user interface;
  - (b) Light source assemblies, incorporating more than one of the following: light emitting diode assembly, gas laser, mirror polygon assembly, base casting;
  - (c) Laser imaging assemblies, incorporating more than one of the following: photoreceptor belt or cylinder, toner receptacle unit, toner developing unit, charge/discharge units, cleaning unit;
  - (d) Image fixing assemblies, incorporating more than one of the following: fuser, pressure roller, heating element, release oil dispenser, cleaning unit, electrical control;
  - (e) Ink jet marking assemblies, incorporating more than one of the following: thermal print head, ink dispensing unit, nozzle and reservoir unit, ink heater;
  - (f) Maintenance/sealing assemblies, incorporating more than one of the following: vacuum unit, ink jet covering unit, sealing unit, purging unit:

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- (g) Paper handling assemblies, incorporating more than one of the following: paper transport belt, roller, print bar, carriage, gripper roller, paper storage unit, exit tray;
- (h) Thermal transfer imaging assemblies, incorporating more than one of the following: thermal print head, cleaning unit, supply or take-up roller;
- (ij) Ionographic imaging assemblies, incorporating more than one of the following: ion generation and emitting unit, air assist unit, printed circuit assembly, charge receptor belt or cylinder, toner receptacle unit, toner distribution unit, developer receptacle and distribution unit, developing unit, charge/discharge unit, cleaning unit; or
- (k) Combinations of the above specified assemblies.
- 3. Subheading 8443.99.30 covers the following parts of facsimile machines:
  - (a) Control or command assemblies, incorporating more than one of the following: printed circuit assembly, modem, hard or flexible (floppy) disk drive, keyboard, user interface;
  - (b) Optics module assemblies, incorporating more than one of the following: optics lamp, charge couples device and appropriate optics, lenses, mirrors;
  - (c) Laser imaging assemblies, incorporating more than one of the following: photoreceptor belt or cylinder, toner receptacle unit, toner developing unit, charge/discharge units, cleaning unit;
  - (d) Ink jet marking assemblies, incorporating more than one of the following: thermal print head, ink dispensing unit, nozzle and reservoir unit, ink heater;
  - (e) Thermal transfer imaging assemblies, incorporating more than one of the following: thermal print head, cleaning unit, supply or take-up roller:
  - (f) Ionographic imaging assemblies, incorporating more than one of the following: ion generation and emitting unit, air assist unit, printed circuit assembly, charge receptor belt or cylinder, toner receptacle unit, toner distribution unit, developer receptacle and distribution unit, developing unit, charge/discharge unit, cleaning unit;
  - (g) Image fixing assemblies, incorporating more than one of the following: fuser, pressure roller, heating elements, release oil dispenser, cleaning unit, electrical control;
  - (h) Paper handling assemblies, incorporating more than one of the following: paper transport belt, roller, print bar, carriage, gripper roller, paper storage unit, exit tray; and
  - (ij) Combinations of the above specified assemblies.
- 4. Subheading 8443.99.40 covers the following parts of photocopying apparatus of subheading 8443.39.20:
  - (a) Imaging assemblies, incorporating more than one of the following: photoreceptor belt or cylinder, toner receptacle unit, toner distribution unit, developer receptacle unit, developer distribution unit, charge/discharge unit, cleaning unit;
  - (b) Optics assemblies, incorporating more than one of the following: lens, mirror, illumination source, document exposure glass;
  - (c) User control assemblies, incorporating more than one of the following: printed circuit assembly, power supply, user input keyboard, wiring harness, display unit (cathode ray type or flat panel);
  - (d) Image fixing assemblies, incorporating more than one of the following: fuser, pressure rollers, heating elements, release oil dispenser, cleaning unit, electrical controls;
  - (e) Paper handling assemblies, incorporating more than one of the following: paper transport belt, roller, print bar, carriage, gripper roller, paper storage unit, exit tray; or
  - (f) Combinations of the above specified assemblies.
- For the purposes of statistical reporting number 8472.90.9040, the term "note counters and note scanners" means document
  handling machines that count currency bills, bank notes, coupons, script or other value-based paper documents and to stack
  them in an organized fashion. Note counters and note scanners can both incorporate a sensor for detecting suspect (i.e.,
  counterfeit) documents. Note scanners have additional sensors that enable the machines to distinguish documents by denomination.

3	Stat.	Artiala Deparintian	Unit		Rates of Duty	2
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
3401		Nuclear reactors; fuel elements (cartridges), non-irradiated, for nuclear reactors; machinery and apparatus for isotopic separation; parts thereof:	,		-,	
3401.10.00		Nuclear reactors		3.3% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
401.20.00		Machinery and apparatus for isotopic separation, and parts thereof		2.6% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
401.30.00	00	Fuel elements (cartridges), non-irradiated, and parts thereof	X	3.3% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
401.40.00	00	Parts of nuclear reactors	t	3.3% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
402.11.00	00	Steam or other vapor generating boilers (other than central heating hot water boilers capable also of producing low pressure steam); super-heated water boilers; parts thereof:  Steam or other vapor generating boilers:  Watertube boilers with a steam production exceeding				
		45 t per hour	t	5.2% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
402.12.00	00	Watertube boilers with a steam production not exceeding 45 t per hour	t	4.3% <u>1/</u>	Free (A*, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
402.19.00	00	Other vapor generating boilers, including hybrid boilers	t	5.2% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA,	45%
402.20.00	00	Super-heated water boilers	t	3.3% <u>1/</u>	PE, SG) Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
402.90.00		Parts		4.3% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
	10	Heat exchangers				
3403	90	OtherCentral heating boilers (other than those of heading 8402) and parts thereof:				

Heading/ Subheading	Stat. Suf-	Article Description	Unit of		Rates of Duty	2
	fix		Quantity	General	Special	
403 (con.)		Central heating boilers (other than those of heading 8402) and				
100 10 00	00	parts thereof: (con.)	NI.	F		450/
103.10.00		Boilers				45%
103.90.00	00	Parts	X	Free		45%
					1	1

	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
8404		Auxiliary plant for use with boilers of heading 8402 or 8403	Quartity	General	Орсска	
		(for example, economizers, super-heaters, soot removers, gas				
		recoverers); condensers for steam or other vapor power units; parts thereof:				
8404.10.00		Auxiliary plant for use with boilers of heading 8402 or				
		8403		3.5% <u>1/</u>	Free (A, AU, BH,	45%
					CA, CL, CO, D, E, IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	
	10	Economizers				
0404 00 00	50	Other		F0/ O/	Francia All Dil	450/
8404.20.00	00	Condensers for steam or other vapor power units	τ	5% <u>2/</u>	Free (A, AU, BH, CA, CL, CO, D, E,	45%
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
			.,		PE, SG)	
8404.90.00	00	Parts	X	3.5% <u>2/</u>	Free (A, AU, BH, CA, CL, CO, D, E,	45%
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	
8405		Producer gas or water gas generators, with or without their purifiers; acetylene gas generators and similar water process				
		gas generators, with or without their purifiers; parts thereof:				
8405.10.00	00	Producer gas or water gas generators, with or without their				
		purifiers; acetylene gas generators and similar water process gas generators, with or without their purifiers	v	Fron 2/		45%
0405 00 00	00		X	_		
8405.90.00	00		Х	Free <u>2/</u>		45%
8406 8406.10		Steam turbines and other vapor turbines, and parts thereof: Turbines for marine propulsion:				
8406.10.10	00	Steam turbines	No	6.7% <u>2/</u>	Free (A, AU, BH,	20%
					CA, CL, CO, D, E,	
					IL, JO, KR, MA, MX, OM, P, PA,	
					PE, SG)	
8406.10.90	00	Other	No	Free <u>2/</u>		27.5%
		Other turbines:				
8406.81 8406.81.10		Of an output exceeding 40 MW: Steam turbines		6.7% 1/	Free (A, AU, BH,	20%
0400.01.10		Otean turbines		0.7 % 17	CA, CL, CO, D, E,	20 /6
					IL, JO, KR, MA,	
					MX, OM, P, PA, PE, SG)	
	20	Stationary steam turbines, condensing type	No.		1 2,00)	
	70	Other	No.			
8406.81.90	00	Other	No	Free <u>2/</u>		27.5%
8406.82 8406.82.10		Of an output not exceeding 40 MW: Steam turbines		6.7% 3/	Free (A, AU, BH,	20%
0400.02.10		Steam turbines		0.1 /0 <u>3/</u>	CA, CL, CO, D, E,	20 /0
					IL, JO, KR, MA,	
					MX, OM, P, PA, PE, SG)	
		Stationary steam turbines, condensing type:			1 L, 3G)	
	10	Not exceeding 7,460 kW	No.			
	20	Exceeding 7,460 kW	No.			
	ΕO	Other:	No			
	50	Not exceeding 7,460 kW	INO.			
		ı			1	1

<sup>1/</sup> See 9903.88.03. 2/ See 9903.88.01. 3/ See 9903.88.02.

Heading/ Subheading	Stat.  Suf-  Article Description		Unit of	Rates of Duty 1 2		
	fix		Quantity	General	Special	
3406.82 con.) 3406.82.10 con.)	70 00	Steam turbines and other vapor turbines, and parts thereof: (con.) Other turbines: (con.) Of an output not exceeding 40 MW: (con.)  Steam turbines (con.) Other: (con.) Exceeding 7,460 kW	No. No	Free <u>1/</u>		27.5%

	Stat. Suf-	Article Description	Unit of		Rates of Duty 1	2
subneading	fix	Article Description	Quantity	General	Special	2
406 (con.)		Steam turbines and other vapor turbines, and parts thereof:				
406.90		(con.) Parts:				
406.90		Of steam turbines:				
406.90.20	00	Rotors, finished for final assembly	No	5% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA,	20%
406.90.30	00	Rotors, not further advanced than cleaned or machined for removal of fins, gates, sprues, and			PE, SG)	
		risers, or to permit location in finishing machinery	No	50/. 1/	Free (A, AU, BH,	20%
		macrimery	NO	5% <u>                                     </u>	CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	20%
406.90.40	00	Blades, rotating or stationary	No	5% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	20%
406.90.45		Other		5% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA,	20%
	40	Rotors or spindles and rotor or spindle			MX, OM, P, PA, PE, SG)	
	10	assemblies	No.			
	80	Other	Х			
106.90.50	00	Other: Rotors, finished for final assembly	No	Eroo 1/		27.5%
406.90.60		Rotors, not further advanced than cleaned or machined for removal of fins, gates, sprues, and		11 166 <u>1/</u>		21.3/0
		risers, or to permit location in finishing machinery	No	Eroo 1/		07 F9/
100 00 70	00	I		<u>—</u>		27.5%
406.90.70		Blades, rotating or stationary				27.5%
406.90.75	00	Other	X	Free <u>1/</u>		27.5%

	Stat. Suf-	Article Description	Unit of		Rates of Duty 1	2
Jubilicadilily	fix	Attible Description	Quantity	General	Special	
407		Spark-ignition reciprocating or rotary internal combustion piston				
407.10.00		engines: Aircraft engines		Free 1/		35%
407.10.00		For use in civil aircraft:		Free <u>  17</u>		33%
		New:				
	20	Less than 373 kW	No.			
	40	373 kW or over				
	60	Used or rebuilt				
	90	Other Marine propulsion engines:	No.			
407.21.00		Outboard motors		Free 1/		35%
	40	Less than 22.38 kW	No.			
	80	Other	No.			
407.29.00		Other		Free <u>1/</u>		35%
	10	Inboard engines with outboard drive	No.			
		Inboard engines with inboard drive:				
	20	Less than 746 W	No.			
	30	746 W or greater, but not exceeding				
		18.65 kW	-			
	40	Exceeding 18.65 kW	No.			
		Reciprocating piston engines of a kind used for the propulsion of vehicles of chapter 87:				
407.31.00		Of a cylinder capacity not exceeding 50 cc		Free 2/		35%
	40	Less than 746 W		_		
	80	Other	No.			
407.32		Of a cylinder capacity exceeding 50 cc but not				
407.00.10	00	exceeding 250 cc:				
407.32.10	00	To be installed in tractors suitable for agricultural use	No	Free 2/		Free
407.32.20		To be installed in vehicles of subheading 8701.20,		1 100 <u>L/</u>		1100
407.32.20		or heading 8702, 8703 or 8704		Free 2/		35%
	40	Used or rebuilt				
	80	Other	No.			
407.32.90		Other		Free <u>2/</u>		35%
	40	Not exceeding 18.65 kW				
	80	Exceeding 18.65 kW	No.			

I I I 1/ See 9903.88.01. 2/ See 9903.88.03.

Heading/	Stat.	Article Description	Unit		Rates of Duty	1 ^
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
407 (con.)		Spark-ignition reciprocating or rotary internal combustion piston		Contract	Opena.	
, ,		engines: (con.)				
		Reciprocating piston engines of a kind used for the				
407.33		propulsion of vehicles of chapter 87: (con.)				
107.33		Of a cylinder capacity exceeding 250 cc but not exceeding 1,000 cc:				
407.33.10		To be installed in tractors suitable for agricultural				
		use		Free <u>1/</u>		Free
	30	Not exceeding 37.3 kW	No.			
		Exceeding 37.3 kW:				
	60	Air-cooled	No.			
	90	Other	No.			
		To be installed in vehicles of subheading 8701.20,				
1407.00.00		or heading 8702, 8703 or 8704:				
3407.33.30		To be installed in vehicles specially designed for traveling on snow, golf carts,				
		non-amphibious all-terrain vehicles and burden				
		carriers		Free <u>1/</u>		35%
	40	Used or rebuilt	No.			
	80	Other	No.			
3407.33.60		Other		2.5% <u>1/</u>	Free (A, AU, B, BH,	35%
					CA, CL, CO, D, E,	
					IL, JO, KR, MA, MX, OM, P, PA,	
					PE, SG)	
	40	Used or rebuilt	No.		1 2, 33)	
	80	Other	No			
3407.33.90		Other		Free <u>1/</u>		35%
	40	Not exceeding 18.65 kW		_		
	80	Exceeding 18.65 kW	No.			
	1			Ī	1	

Heading/	Stat. Suf-	Article Description	Unit of		Rates of Duty	2
Subheading	fix	Article Description	or Quantity	General	1 Special	
3407 (con.)		Spark-ignition reciprocating or rotary internal combustion piston			·	
		engines: (con.)				
		Reciprocating piston engines of a kind used for the				
2407.04		propulsion of vehicles of chapter 87: (con.)				
3407.34		Of a cylinder capacity exceeding 1,000 cc:				
9407 94 05		Of a cylinder capacity not exceeding 2,000 cc:  To be installed in tractors suitable for				
8407.34.05		agricultural use		Eroo 1/		Free
	30	Not exceeding 37.3 kW		Free <u>  1/</u>		riee
	30	_	NO.			
		Exceeding 37.3 kW:				
	60	Air-cooled				
	90	Other	No.			
		To be installed in vehicles of subheading				
		8701.20, or heading 8702, 8703 or 8704:				
8407.34.14	00	Used or rebuilt	No	2.5% <u>2/</u>	Free (A, AU, B, BH,	35%
					CA, CL, CO, D, E,	
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	
8407.34.18	00	Other	No	2.5% 2/	Free (A, AU, B, BH,	35%
				_	CA, CL, CO, D, E,	
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	
8407.34.25	00	Other	No	Free <u>2/</u>		35%
		Of a cylinder capacity exceeding 2,000 cc:				
8407.34.35		To be installed in tractors suitable for		<b></b> 47		
	00	agricultural use		Free <u>1/</u>		Free
	30	Not exceeding 37.3 kW	No.			
		Exceeding 37.3 kW:				
	60	Air-cooled	No.			
	90	Other	No.			
		To be installed in vehicles of subheading				
		8701.20, or heading 8702, 8703 or 8704:				
8407.34.44	00	Used or rebuilt	No	2.5% 2/	Free (A, AU, B, BH,	35%
					CA, CL, CO, D, E,	
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	
8407.34.48	00	Other	No	2.5% <u>2/</u>	Free (A, AU, B, BH,	35%
				_	CA, CL, CO, D, E,	
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
			l		PE, SG)	
8407.34.55	00	Other	No	Free <u>2/</u>		35%
	เ เล กว	<u> </u>	l	1	1	ı

<sup>&</sup>lt;u>1/</u> See 9903.88.02. <u>2/</u> See 9903.88.03.

	Stat.	Article Description	Unit		Rates of Duty	1 2
ubheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
07 (con.)		Spark-ignition reciprocating or rotary internal combustion piston	-		,	
		engines: (con.)				
07.90		Other engines:				
07.90.10		To be installed in agricultural or horticultural machinery or equipment		Eroo 1/		Free
		Not exceeding 37.3 kW:		riee <u>i/</u>		riee
	10	Less than 4,476 W	No.			
	20	Other				
	20	Other:	INO.			
	60	Air-cooled	No.			
	80	Other	No.			
107.90.90		Other		Free <u>1/</u>		35%
	10	Gas (natural or LP) engines	No.			
		Other:				
	20	Less than 746 W	No.			
	40	746 W or greater but less than 4,476 W	No.			
	60	4,476 W or greater but not exceeding				
	- •	18.65 kW	No.			
	80	Exceeding 18.65 kW				
	- •					
					I	Ī

Subbooding	Stat.	Article Description	Unit		Rates of Duty	2
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
408		Compression-ignition internal combustion piston engines		223.01		
		(diesel or semi-diesel engines):				
408.10.00		Marine propulsion engines		2.5% <u>1/</u>	Free (A, AU, BH,	35%
					CA, CL, CO, D, E, IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	
	05	Not exceeding 111.9 kW	No.			
	15	Exceeding 111.9 kW but not exceeding 149.2 kW	No.			
	20	Exceeding 149.2 kW but not exceeding 223.8 kW	No.			
	30	Exceeding 223.8 kW but not exceeding 373 kW	No.			
	40	Exceeding 373 kW but not exceeding 746 kW	No.			
	50	Exceeding 746 kW	No.			
408.20		Engines of a kind used for the propulsion of vehicles of				
100 00 10		chapter 87:				
408.20.10		To be installed in tractors suitable for agricultural use		Free 2/		Free
	40	Not exceeding 37.3 kW		1 100 <u>L/</u>		1. 100
	80	Exceeding 37.3 kW				
408.20.20	00	To be installed in vehicles of subheading 8701.20, or				
		heading 8702, 8703 or 8704	No	2.5% <u>3/</u>	Free (A*, AU, B, BH,	35%
					CA, CL, CO, D, E, IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	
408.20.90	00	Other	No	2.5% 3/	Free (A*, AU, BH,	35%
					CA, CL, CO, D, E,	
					IL, JO, KR, MA,	
					MX, OM, P, PA, PE, SG)	
408.90		Other engines:			1 2, 00,	
408.90.10		To be installed in agricultural or horticultural machinery		<u>_</u>		<u>_</u>
	40	or equipment  Not exceeding 37.3 kW		Free <u>1/</u>		Free
	_	_				
408.90.90	80	Exceeding 37.3 kWOther		Free 1/		35%
+00.50.50	10	Not exceeding 149.2 kW	No.	1166 <u>17</u>		33 /6
	20	Exceeding 149.2 kW but not exceeding 373 kW				
	30	Exceeding 373 kW but not exceeding 746 kW				
	40	Exceeding 746 kW but not exceeding 1,119 kW				
		_				
	50	Exceeding 1,119 kW	NO.			
			Ī	I	Ī	1

<sup>1/</sup> See 9903.88.01. 2/ See 9903.88.02. 3/ See 9903.88.03.

	Stat.	* a * B	Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
8409	ПХ	Parts suitable for use solely or principally with the engines of	Quantity	General	Эресіаі	
5409		heading 8407 or 8408:				
8409.10.00		For aircraft engines		Free 1/		35%
0403.10.00	40	For use in civil aircraft $\frac{2}{2}$		1166 1/		33 /6
		<del></del>	_			
	80	Other	kg			
		Other:				
8409.91		Suitable for use solely or principally with spark-ignition				
		internal combustion piston engines (including rotary				
		engines):				
8409.91.10		Cast-iron parts, not advanced beyond cleaning,				
		and machined only for the removal of fins, gates,				
		sprues and risers or to permit location in finishing		F 0/		100/
	40	machinery		Free <u>3/</u>		10%
	40	For vehicles of subheading 8701.20, or				
		heading 8702, 8703 or 8704	kg			
	60	For marine propulsion engines	kg			
	80	Other				
	00	Other:	Ng			
		For vehicles of subheading 8701.20, or				
		heading 8702, 8703 or 8704:				
8409.91.30	ΩN	Aluminum cylinder heads	No	25% 3/	Free (A, AU, B, BH,	35%
0-100.01.00	00	Addition Cyllinder Heads	kg	2.3 /6 3/	CA, CL, CO, D, E,	33 /6
			Ng		IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	
8409.91.50		Other		2.5% <u>3/</u>	Free (A*, AU, B, BH,	35%
					CA, CL, CO, D, E,	
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	
	10	Connecting rods				
			kg			
	81	Steel forgings	ka			
	85		•			
8409.91.92	00	Other		2.50/ 2/	From /A ALL DLI	250/
8409.91.92		For marine propulsion engines		2.5% <u>3/</u>	Free (A, AU, BH,	35%
					CA, CL, CO, D, E,	
					IL, JO, KR, MA,	
					MX, OM, P, PA, PE, SG)	
	10	Connecting rods	No.		1 L, 3G)	
	10	Connecting 1005	-			
			kg			
	90		kg			
8409.91.99		Other		2.5% <u>3/</u>	Free (A*, AU, BH,	35%
					CA, CL, CO, D, E,	
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	
	10	Connecting rods	No.			
			kg			
	90	Other	kg			
		-	J			
						•

<sup>1/</sup> See 9903.88.01.
2/ See General Note 6.
3/ See 9903.88.03.

Parts suitable for use solely or principally with the engines of heading 8407 or 8408: (con.) Other: (con.) Other: Cast-iron parts, not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues and risers or to permit location in finishing machinery	kg kg kg	General Free 1/	1 Special	10%
heading 8407 or 8408: (con.) Other: (con.) Other: Cast-iron parts, not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues and risers or to permit location in finishing machinery	kg kg kg		Special.	10%
Other:  Cast-iron parts, not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues and risers or to permit location in finishing machinery	kg kg kg	Free <u>1/</u>		10%
Cast-iron parts, not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues and risers or to permit location in finishing machinery	kg kg kg	Free <u>1/</u>		10%
and machined only for the removal of fins, gates, sprues and risers or to permit location in finishing machinery	kg kg kg	Free <u>1/</u>		10%
sprues and risers or to permit location in finishing machinery	kg kg kg	Free <u>1/</u>		10%
For vehicles of subheading 8701.20, or heading 8702, 8703 or 8704	kg kg kg	Free <u>1/</u>		10%
heading 8702, 8703 or 8704	kg kg			
For marine propulsion engines  Other:  For vehicles of subheading 8701.20, or	kg kg			
Other: For vehicles of subheading 8701.20, or	kg			
Other: For vehicles of subheading 8701.20, or				
For vehicles of subheading 8701.20, or				
		ī		
heading 8702, 8703 or 8704				
		2.5% <u>1/</u>	Free (A*, AU, B, BH,	35%
			CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	
Connecting rods	No.		1 2, 00,	
The state of the s	kg			
90 Other	ka			
For marine propulsion engines		2.5% 1/	Free (A, AU, BH,	35%
, , , , , , , , , , , , , , , , , , ,			CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	
Connecting rods	No.		, ,	
	kg			
90 Other	ka			
		Free <u>1/</u>		35%
Connecting rods	No.			
	kg			
90 Other	kg			
Hydraulic turbines, water wheels and regulators therefor: parts				
thereof:				
Hydraulic turbines and water wheels:				
Of a power not exceeding 1,000 kW	No	. 3.8% <u>2/</u>		27.5%
			CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	
10,000 kW	No	. 3.8% <u>2/</u>		27.5%
			CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	
Of a power exceeding 10,000 kW	No	. 3.8% <u>2/</u>	Free (A, AU, BH,	27.5%
			CA, CL, CO, D, E,	
		1	IL, JO, KR, MA,	
On Parts including regulators	Y	3 8% 2/		27.5%
Faits, including regulators	^	. 3.6% <u>21</u>	CA, CL, CO, D, E, IL, JO, KR, MA,	27.5%
90	Other	Other	Connecting rods	No. kg   kg

<sup>1/</sup> See 9903.88.03. 2/ See 9903.88.01.

Heading/	Stat.	A COLON	Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
ļ11		Turbojets, turbopropellers and other gas turbines, and parts	quantity	General	Орсска	
		thereof:				
		Turbojets:				
411.11		Of a thrust not exceeding 25 kN:	l			050/
411.11.40		Aircraft turbines		_		35%
411.11.80	00	Other	No	Free <u>1/</u>		35%
411.12	٥٥	Of a thrust exceeding 25 kN: Aircraft turbines	No	Fron 1/		250/
411.12.40				_		35%
3411.12.80	00	Other	No	Free <u>1/</u>		35%
3411.21		Turbopropellers: Of a power not exceeding 1,100 kW:				
411.21.40	00	Aircraft turbines	No	Free 1/		35%
411.21.80	٥٥	Other		_		35%
411.22	00	Of a power exceeding 1,100 kW:	110	11 100 <u>17</u>		33 76
411.22.40	00	Aircraft turbines	No	Free 1/		35%
411.22.80	00	Other	No	Free 1/		35%
	-	Other gas turbines:				
411.81		Of a power not exceeding 5,000 kW:				
8411.81.40	00	Aircraft turbines		_		35%
3411.81.80	00	Other	No	2.5% <u>1/</u>	Free (A, AU, BH,	35%
					CA, CL, CO, D, E,	
					IL, JO, KR, MA,	
					MX, OM, P, PA, PE, SG)	
3411.82		Of a power exceeding 5,000 kW:			1 2, 33)	
8411.82.40	00	Aircraft turbines	No	Free <u>1/</u>		35%
411.82.80	00	Other	No	2.5% 1/	Free (A, AU, BH,	35%
					CA, CL, CO, D, E,	
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	

	Stat. Suf-	Article Description	Unit of		Rates of Duty	2
Subheading	fix	Afficie Description	or Quantity	General	1 Special	
411 (con.)		Turbojets, turbopropellers and other gas turbines, and parts thereof: (con.)				
3411.91 3411.91.10		Parts: Of turbojets or turbopropellers: Cast-iron parts, not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues and risers or to permit location in finishing				
	40	machinery Parts of nonaircraft turbines		Free <u>1/</u>		10%
	60	Parts of aircraft turbines:  For use in civil aircraft 2/	kg			
2411 01 00	90	Other	kg	[roc 1/		250/
3411.91.90	40	OtherParts of nonaircraft turbines		Free <u>1/</u>		35%
	81	Parts of aircraft turbines: Steel forgings	ka			
444.00	85	Other				
3411.99 3411.99.10		Other: Cast-iron parts, not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues and risers or to permit location in finishing				
	10	machinery Parts of nonaircraft gas turbines		Free <u>1/</u>		10%
	40	Parts of aircraft gas turbines: For use in civil aircraft $\underline{2}$ /	Х			
8411 99 90	80	OtherOther		24% 1/	Free (A, AU, BH, C,	35%
3411.99.90	20	Parts of nonaircraft gas turbines: Rotors or spindles and rotor or spindle		_	CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	
	30	assemblies Other:	No.			
	81	Steel forgings	_			
	85 90	Other Parts of aircraft gas turbines	X X			

Heading/ Subheading	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
412	11/	Other engines and motors, and parts thereof:	Quantity	General	Оресіаі	
112.10.00		Reaction engines other than turbojets		Free 1/		35%
	10	Missile and rocket engines		<u></u>		15575
	90	Other				
	90	Hydraulic power engines and motors:	INO.			
412.21.00		Linear acting (cylinders)		Free 1/		27.5%
	15	Tie-rod type		1.100 <u>17</u>		27.070
	30	Weld fused type				
	30	••	INO.			
		Other:				
	45	Telescoping				
	60	Rodless	No.			
	75	Other	No.			
412.29		Other:				
412.29.40	00	Hydrojet engines for marine propulsion	No	Free 1/		30%
412.29.80		Other		Free 1/		27.5%
112.20.00		Unlimited rotary acting:		1100 <u>17</u>		27.070
	15	Gear type	No.			
	30	Radial piston type				
	45	Axial piston type	No.			
	60	Other	No.			
	75	Other	No.			
		Pneumatic power engines and motors:				
412.31.00		Linear acting (cylinders)		Free <u>1/</u>		27.5%
	40	Tie-rod type	No.			
	80	Other	No.			
412.39.00		Other		Free 1/		27.5%
	40	Unlimited rotary acting	No.	_		
	80	Other	No.			
3412.80	00	Other engines and motors:				
8412.80.10	00	Spring-operated and weight-operated motors	No	Free 1/		35%
412.80.90	00	Other				27.5%
3412.80.90 3412.90	00	Parts:		. Fiee <u>i/</u>		27.5%
412.90.10	00	Of hydrojet engines for marine propulsion	X	Free 1/		30%
412.90.90		OtherOf hydraulic power engines and motors:		Free <u>2/</u>		27.5%
	05	Of linear acting engines and motors	×			
	15	Other	X			
	25	Of pneumatic power engines and motors:				
	25	Of linear acting engines and motors				
	35	Other				
	50	Of reaction engines other than turbojets	X			
		Other:				
	81	Wind turbine blades and hubs	X			
	85	Other	x			
			I	1		1

I I I 1/ See 9903.88.01. 2/ See 9903.88.03.

	Stat. Suf-	Article Description	Unit of		Rates of Duty 1	2
Subheading	fix	Afficie Description	or Quantity	General	1 Special	
413		Pumps for liquids, whether or not fitted with a measuring device; liquid elevators; part thereof:  Pumps fitted or designed to be fitted with a measuring device:				
3413.11.00	00	Pumps for dispensing fuel or lubricants, of the type used in filling-stations or in garages	No	Free <u>1/</u>		35%
3413.19.00		Other	No	Free <u>2/</u>		35%
3413.20.00	00	Hand pumps, other than those of subheading 8413.11 or 8413.19	No	Free <u>1/</u>		35%
3413.30		Fuel, lubricating or cooling medium pumps for internal combustion piston engines:				
3413.30.10	00	Fuel-injection pumps for compression-ignition engines	No	2.5% <u>1/</u>	Free (A*, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
3413.30.90		Other		2.5% <u>1/</u>	Free (A*, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	30	Fuel pumps	No.		, ,	
	60	Lubricating pumps	No.			
3413.40.00	90 00	Other		Eroo 2/		250/
413.50.00	UU	Concrete pumps  Other reciprocating positive displacement pumps		Free <u>2/</u> Free <u>2/</u>		35% 35%
	10	Oil well and oil field pumps	No.	<u></u>		
	50	Diaphragm pumps Other:	No.			
	70	Hydraulic fluid power pumps Radial piston type	No.			
	80	Other				
413.60.00	90	Other Other rotary positive displacement pumps Hydraulic fluid power pumps:		Free <u>2/</u>		35%
	20	Vane type	No.			
	30	Gear type	No.			
	40	Other	No.			
	50	Other: Oil well and oil field pumps	No.			
	70	Roller pumps	No.			
	90	Other	No.			

I I I 1/ See 9903.88.03. 2/ See 9903.88.01.

	Stat.		Unit		Rates of Duty	-
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
413 (con.)		Pumps for liquids, whether or not fitted with a measuring	quantity	General	Орсска	
, ,		device; liquid elevators; part thereof: (con.)				
413.70	00	Other centrifugal pumps:				
413.70.10	00	Stock pumps imported for use with machines for making cellulosic pulp, paper or paperboard	No	Free 1/		35%
413.70.20		Other		_		35%
413.70.20	04	Submersible pumps		F166 <u>1/</u>		35%
		Other:				
		Single-stage, single-suction, close-coupled:				
	05	With discharge outlet under 5.08 cm in				
		diameter	No.			
	15	With discharge outlet 5.08 cm or over in				
		diameter Single-stage, single-suction, frame- mounted:	No.			
	22	With discharge outlet under 7.6 cm in				
		diameter	No.			
	25	With discharge outlet 7.6 cm or over in				
	20	diameter				
	30	Single-stage, double-suction				
	40	Multi-stage, single- or double-suction				
	90	Other	No.			
413.81.00		Other pumps; liquid elevators: Pumps		Free 1/		35%
	20	Turbine pumps				00 / 0
	30	Household water systems, self-contained; and				
		windmill pumps	No.			
	40	Other				
413.82.00	00	Liquid elevators	No	Free <u>1/</u>		35%
3413.91		Parts: Of pumps:				
3413.91.10	00	Of fuel-injection pumps for compression-ignition				
		engines	X	2.5% <u>1/</u>	Free (A, AU, B, BH,	35%
					C, CA, CL, CO, D, E, IL, JO, MA, MX,	
					OM, P, PA, PE,	
					SG)	
					0.7% (KR)	
413.91.20	00	Of stock pumps imported for use with machines	v	Eroo 1/		050/
440.04.00		for making cellulosic pulp, paper or paperboard		· · · · · · · · · · · · · · · · · · ·		35%
413.91.90	10	OtherOf subheading 8413.30.90		Free <u>1/</u>		35%
	50	Of hydraulic fluid power pumps				
3413.92.00	80 00	Other Of liquid elevators	X	Free 2/		35%
110.02.00		Or inquite distratorio	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	. 100 <u>L/</u>		0070
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<sup>1/</sup> See 9903.88.01. 2/ See 9903.88.03.

	Stat. Suf-	Article Description	Unit of		Rates of Duty 1	2
Subrieading	fix	Afficie Description	of Quantity	General	1 Special	
3414		Air or vacuum pumps, air or other gas compressors and fans; ventilating or recycling hoods incorporating a fan, whether or not fitted with filters; parts thereof:				
3414.10.00	00	Vacuum pumps	No	2.5% <u>1/</u>	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	
414.20.00	00	Hand- or foot-operated air pumps	No	3.7% <u>1/</u>	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	
3414.30		Compressors of a kind used in refrigerating equipment (including air conditioning):				
414.30.40	00	Not exceeding 1/4 horsepower		_		35%
3414.30.80		Other		Free <u>2/</u>		35%
	10	Screw type:  Not exceeding 200 horsepower	No.			
	20	Exceeding 200 horsepower				
	•	Other:				
	30	For all refrigerants except ammonia For motor vehicles	No			
	30		INU.			
	50	Other: Exceeding 1/4 horsepower but not				
		exceeding 1 horsepower	No.			
	60	Exceeding 1 horsepower but not exceeding 3 horsepower	No.			
	70	Exceeding 3 horsepower but not exceeding 10 horsepower	No.			
	80 90	Exceeding 10 horsepowerFor ammonia				
3414.40.00	00	Air compressors mounted on a wheeled chassis for				
		towing	No	2.7% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%

I I I 1/ See 9903.88.03. 2/ See 9903.88.01.

	Stat.	A CLE COM	Unit		Rates of Duty	_
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
414 (con.)		Air or vacuum pumps, air or other gas compressors and fans; ventilating or recycling hoods incorporating a fan, whether or not fitted with filters; parts thereof: (con.)  Fans:	,			
3414.51		Table, floor, wall, window, ceiling or roof fans, with a self-contained electric motor of an output not exceeding 125 W:				
3414.51.30	00	Ceiling fans for permanent installation	No	4.7%	Free (A, AU, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
414.51.90		Other		4.7%	Free (A*, AU, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	60	For permanent installation	No.		1 2, 00)	
	90	Other	No.			
3414.59		Other:				
3414.59.10 3414.59.15		Blowers for pipe organsFans of a kind used solely or principally for cooling microprocessors, telecommunications apparatus,	No	Free <u>1/</u>		35%
		automatic data processing machines or units of automatic data processing machines  Other	No	Free <u>1/</u>		35%
414.59.30	00	Turbochargers and superchargers	No	2.3% <u>2/</u>	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
414.59.65		Other		2.3% <u>1/</u>	Free (A*, AU, B, BH, C, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	40	Suitable for use with motor vehicles	No.			
		Other:				
	60	Centrifugal				
	90	Axial	No.			
11110000	95		No.			
3414.60.00	00	Hoods having a maximum horizontal side not exceeding 120 cm	No	Free <u>1/</u>		35%

<sup>1/</sup> See 9903.88.03. 2/ See 9903.88.01.

Heading/	Stat.	Article Description	Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
414 (con.)		Air or vacuum pumps, air or other gas compressors and fans;			5,555.5	
		ventilating or recycling hoods incorporating a fan, whether or not fitted with filters; parts thereof: (con.)				
3414.80		Other, except parts:				
8414.80.05	00	Air compressors:  Turbochargers and superchargers	No	Free 1/		35%
3414.80.16	00	Other				35%
14.00.10		Stationary:		Fiee <u>2/</u>		35%
	05	Reciprocating:  Not exceeding 746 W	No.			
	15	Exceeding 746 W but not exceeding 4.48 kW	No.			
	25	Exceeding 4.48 kW but not exceeding 8.21 kW	No.			
	35	Exceeding 8.21 kW but not exceeding 11.19 kW	No.			
	40	Exceeding 11.19 kW but not exceeding 19.4 kW	No			
	45	Exceeding 19.4 kW but not exceeding				
	55	74.6 kW  Exceeding 74.6 kW				
	60	Rotary:  Not exceeding 11.19 kW	No.			
	65	Exceeding 11.19 kW but under 22.38 kW	No.			
	70	22.38 kW and over but not exceeding 74.6 kW				
	75 80	Exceeding 74.6 kWOther				
	85	Portable: Under 0.57 cubic meters per minute	No.			
	90	Other				
3414.80.20	05	Other compressorsRefrigerant recovery units		Free <u>1/</u>		35%
	15	Other: Centrifugal and axial	No.			
	55	Other, including reciprocating and rotary: Not exceeding 186.5 kW	No.			
	65	Exceeding 186.5 kW but not exceeding 746 kW	No.			
3414.80.90	75 00	Exceeding 746 kWOther	No.	3.7% 2/	Free (A, AU, B, BH,	35%
					C, CA, CL, CO, D, E, IL, JO, KR, MA,	
					MX, OM, P, PA, PE, SG)	

I I I 1/ See 9903.88.01. 2/ See 9903.88.03.

Heading/	Stat.		Unit		Rates of Duty	•
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
414 (con.)	IIX	Air or vacuum pumps, air or other gas compressors and fans; ventilating or recycling hoods incorporating a fan, whether or	Quantity	General	Зресіаі ———————————————————————————————————	
414.90		not fitted with filters; parts thereof: (con.) Parts:				
3414.90.10		Of fans (including blowers) and ventilating or recycling hoods		4.7% <u>1/</u>	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE,	
	40	Of fans of subheading 8414.51	Y		SG) 1.4% (KR)	
	80	Other				
	80	Of compressors:	X			
3414.90.30	00	Stators and rotors of goods of subheading 8414.30	No	Free <u>2/</u>		35%
3414.90.41		Other		Free <u>2/</u>		35%
	20	Of refrigerating and air conditioning compressors:  Compressor housings	No			
	40	OtherOther:	X			
		Of compressors of subheading 8414.40:				
	45	Compressor housings	No.			
	55	Other	Х			
	<b>C</b> F	Other:	NI.			
	65	Compressor housings				
	80	Impeller covers and hubs				
24440000	90	Other		Fra . 0/		050/
3414.90.90	40	Other Of vacuum pumps	χ	Free <u>2/</u>		35%
	80	Other				
	00	Otilei	^			
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<sup>1/</sup> See 9903.88.03. 2/ See 9903.88.01.

	Stat. Suf-	Article Description	Unit of		Rates of Duty 1	2
bublieading	fix	Atticle Description	Quantity	General	Special	
415		Air conditioning machines, comprising a motor-driven fan and elements for changing the temperature and humidity, including those machines in which the humidity cannot be separately regulated; parts thereof:				
415.10		Of a kind designed to be fixed to a window, wall, ceiling or floor, self-contained or "split system":				
415.10.30	40	Self-containedLess than 2.93 kW per hour		Free <u>1/</u>		35%
	60	2.93 kW per hour or greater but less than 4.98 kW per hour				
	80	4.98 kW per hour or greater	No.			
415.10.60	00	Other: Incorporating a refrigerating unit and a valve for reversal of the cooling/heat cycle (reversible heat				
		pumps)	No	1% <u>1/</u>	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
415.10.90	00	Other	No	2.2% <u>1/</u>	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
415.20.00	00	Of a kind used for persons, in motor vehicles	No	1.4% <u>1/</u>	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%

Heading/	Stat.	A CLE COM	Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
3415 (con.) 3415.81.01		Air conditioning machines, comprising a motor-driven fan and elements for changing the temperature and humidity, including those machines in which the humidity cannot be separately regulated; parts thereof: (con.)  Other, except parts:  Incorporating a refrigerating unit and a valve for reversal of the cooling/heat cycle (reversible heat pumps)			Free (A, AU, B, BH,	35%
8415.82.01	10 20 30	Self-contained: Not exceeding 17.58 kW per hour Exceeding 17.58 kW per hour Other Other, incorporating a refrigerating unit	No. No. No.		Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)  Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG)	
	05 10 15 20 30 35 40 55	Room or central station air conditioning units for use with water chillers: Room fan coil units	No. No. No. No. No.		0.6% (KR)	
8415.83.00	50 60 70 90	Other air conditioning machines incorporating a refrigerating unit	No. No. No. No.	1.4% <u>1/</u>	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%

Culab "	Stat.	Article Description	Unit		Rates of Duty	_
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
415 (con.)		Air conditioning machines, comprising a motor-driven fan and elements for changing the temperature and humidity, including those machines in which the humidity cannot be separately regulated; parts thereof: (con.)  Parts:	,	0.000	2,555	
3415.90 3415.90.40	00	Chassis, chassis bases and outer cabinets	No	1.4%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
415.90.80		Other		1.4%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	25	Air conditioning evaporator coils Other:	No.			
	45	Of automotive air conditioners	Χ			
	65	Of heat pumps	Х			
	85	Other				
3416		Furnace burners for liquid fuel, for pulverized solid fuel or for gas; mechanical stokers, including their mechanical grates, mechanical ash dischargers and similar appliances; parts thereof:				
3416.10.00	00	Furnace burners for liquid fuel				27.5%
416.20.00	40	Other furnace burners, including combination burners Gas burners		Free		27.5%
	80	Other	No.			
3416.30.00	00	Mechanical stokers, including their mechanical grates,				
		mechanical ash dischargers and similar appliances		_		27.5%
3416.90.00	00	Parts	X	Free <u>2/</u>		27.5%
3417 3417.10.00	00	Industrial or laboratory furnaces and ovens, including incinerators, nonelectric, and parts thereof:  Furnaces and ovens for the roasting, melting or other heat				
		treatment of ores, pyrites or of metals	No	2.9% <u>2/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
3417.20.00	00	Bakery ovens, including biscuit ovens	No	3.5%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
3417.80.00	00	Other, except parts	No	3.9% <u>2/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
3417.90.00	00	Parts	X	3.9% <u>2/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%

<sup>1/</sup> See 9903.88.03. 2/ See 9903.88.01.

Heading/	Stat.	Antiple Description	Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
418		Refrigerators, freezers and other refrigerating or freezing equipment, electric or other; heat pumps, other than the air conditioning machines of heading 8415; parts thereof:			Gpotta.	
418.10.00		Combined refrigerator-freezers, fitted with separate external doors		Free <u>1/</u>		35%
	10	Compression type: Having a refrigerated volume of under 184 liters	No.			
	20	Having a refrigerated volume of 184 liters and over but under 269 liters	No.			
	30	Having a refrigerated volume of 269 liters and over but under 382 liters	No.			
	45	Having a refrigerated volume of 382 liters and over: French door refrigerators with a bottom freezer compartment: Of a width exceeding 87 centimeters but not exceeding 95 centimeters:				
	45	Having an external depth (excluding door handles) not exceeding 73 centimeters	No.			
	55 65	Other				
	75 90	Other Other Refrigerators, household type:	No. No.			
	10	Compression type		Free <u>1/</u>		35%
	20	Having a refrigerated volume of 184 liters and over but under 269 liters				
	30	Having a refrigerated volume of 269 liters and over but under 382 liters	No.			
418.29	90	Having a refrigerated volume of 382 liters and overOther:	No.			
418.29.10	00	Absorption type, electrical	No	1% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
418.29.20	00	Other	No	1.9% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
418.30.00	00	Freezers of the chest type, not exceeding 800 liters capacity	No	Free <u>1/</u>		35%
418.40.00	00	Freezers of the upright type, not exceeding 900 liters capacity	No	Free <u>1/</u>		35%
8418.50.00		Other furniture (chests, cabinets, display counters, show-cases and the like) for storage and display, incorporating refrigerating or freezing equipment		Free 1/		35%
	40	Freezing		1 100 <u>1/</u>		33 /0
	80	Other	No.			

	Stat.	Antiple Description	Unit		Rates of Duty	2
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
8418 (con.)		Refrigerators, freezers and other refrigerating or freezing equipment, electric or other; heat pumps, other than the air conditioning machines of heading 8415; parts thereof: (con.) Other refrigerating or freezing equipment; heat pumps:				
8418.61.01	00	Heat pumps other than air conditioning machines of heading 8415	No	Free <u>1/</u>		35%
8418.69.01		Other		Free <u>2/</u>		35%
	10	Icemaking machines				
	20	Drinking water coolers, self-contained				
	30	Soda fountain and beer dispensing equipment				
	40	Centrifugal liquid chilling refrigerating units	No.			
	50	Reciprocating liquid chilling refrigerating units	No.			
	60	Absorption liquid chilling units	No.			
	80	Other refrigerating or freezing equipment	No.			
8418.91.00	00	Parts: Furniture designed to receive refrigerating or freezing	.,	E 4/		050/
		equipment	X	Free <u>1/</u>		35%
8418.99 8418.99.40	00	Other:  Door assemblies incorporating more than one of the following: inner panel; outer panel; insulation; hinges; handles	V	Free 1/		250/
0.440.00.00				_		35%
8418.99.80	05	OtherRefrigeration condensing units:  Not exceeding 746 W		Free <u>1/</u>		35%
	10	Exceeding 746 W but not exceeding 2.2 kW				
	15	Exceeding 2.2 kW but not exceeding 7.5 kW				
	20	Exceeding 7.5 kW but not exceeding 22.3 kW				
	25	Exceeding 22.3 kWOther:	No.			
	50	Parts of combined refrigerator-freezers fitted with separate external doors and	v			
	60	parts of household type refrigerators				
	60	Other	X			
	l		I	Ī	ĺ	

<sup>1/</sup> See 9903.88.03. 2/ See 9903.88.01.

	Suf-	Article Deservicies	Unit		Rates of Duty	_
419	fix	Article Description	of Quantity	General	1 Special	2
		Machinery, plant or laboratory equipment, whether or not electrically heated (excluding furnaces, ovens and other equipment of heading 8514), for the treatment of materials by a process involving a change of temperature such as heating, cooking, roasting, distilling, rectifying, sterilizing, pasteurizing, steaming, drying, evaporating, vaporizing, condensing or cooling, other than machinery or plant of a kind used for domestic purposes; instantaneous or storage water heaters, nonelectric; parts thereof:	,		Special	
		Instantaneous or storage water heaters, nonelectric:		,		450/
419.11.00	00	Instantaneous gas water heaters		_		45%
419.19.00	20	OtherInstantaneous water heaters	No.	Free <u>1/</u>		45%
4	40	Solar water heaters				
419.20.00	60	Other Medical, surgical or laboratory sterilizers		Free		35%
'	10	Medical or surgical sterilizers				
	20	Laboratory sterilizers  Dryers:				
3419.31.00	00	For agricultural products	No	Free <u>1/</u>		35%
3419.32 3419.32.10	00	For wood, paper pulp, paper or paperboard: For wood				35%
	00	Other		_		35%
	40	Other  For food and beverages	No.	Free <u>1/</u>		35%
3419.40.00	80	Other Distilling or rectifying plant		Fron 1/		250/
	40	For food and beverages		Free <u>1/</u>		35%
8	80	Other				
3419.50		Heat exchange units:				
419.50.10	00	Brazed aluminum plate-fin heat exchangers	No	4.2% <u>1/</u>	Free (A, AU, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
3419.50.50	00	Other	No	Free <u>1/</u>		35%
419.60 419.60.10	00	Machinery for liquefying air or other gases: Machinery containing brazed aluminum plate-fin heat				
		exchangers	No	4.2% <u>2/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
3419.60.50	00	Other	No	Free <u>1/</u>		35%

I I I 1/ See 9903.88.01. 2/ See 9903.88.02.

	Stat. Suf-	Article Description	Unit of		Rates of Duty 1	2
Subneading	fix	Article Description	Quantity	General	Special	2
3419 (con.)		Machinery, plant or laboratory equipment, whether or not				
		electrically heated (excluding furnaces, ovens and other				
		equipment of heading 8514), for the treatment of materials by				
		a process involving a change of temperature such as heating,				
		cooking, roasting, distilling, rectifying, sterilizing, pasteurizing,				
		steaming, drying, evaporating, vaporizing, condensing or				
		cooling, other than machinery or plant of a kind used for				
		domestic purposes; instantaneous or storage water heaters,				
		nonelectric; parts thereof: (con.)				
3419.81		Other machinery, plant or equipment:				
3419.81 3419.81.50		For making hot drinks or for cooking or heating food:		Free		35%
	40	Cooking stoves, ranges and ovens For use in civil aircraft 1/	No.	riee		35%
	-	_				
	80	Other	No.			
8419.81.90		Other		Free		35%
	40	Of a type used in restaurants, hotels or similar				
		locations	No.			
	80	Other	No.			
3419.89		Other:	. 10.			
	00	For making paper pulp, paper or paperboard	No	Free 2/		35%
	- 3					
2410 00 00	00	Other:	No	Fron 2/		250/
3419.89.60	υU	Molten-salt-cooled acrylic acid reactors		_		35%
3419.89.95		Other		4.2% <u>2/</u>	Free (A*, AU, BH,	35%
					CA, CL, CO, D, E,	
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	
		Designed for cooling:				
	20	For food and beverages	No.			
	40	Other	No			
	. •	Other:	140.			
	60	For food and beverages	No.			
	80	For rubber and plastics				
	85	For other materials	No.			
3419.90		Parts:				
3419.90.10	00	Of instantaneous or storage water heaters	X	Free <u>3/</u>		45%
3419.90.20	00	Of machinery and plant for making paper pulp, paper				
	- 3	or paperboard	Χ	Free 3/		35%
110 00 00	00			_		
3419.90.30	υÜ	Of heat exchange units	λ	ree <u>3/</u>		35%
		Other:				
3419.90.50		Of molten-salt-cooled acrylic acid reactors; of				
		medical, surgical or laboratory sterilizers		Free <u>3/</u>		35%
	40	Of medical, surgical or laboratory sterilizers	Χ			
	80	Other	Х			
	00	Of electromechanical tools for working in the hand				
	-	with self-contained electric motor		Free 3/		35%
140 00 05					F (A. ALL DIL	
3419.90.95		Other		4% <u>3/</u>	Free (A, AU, BH,	35%
					CA, CL, CO, D, E,	
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
	20	Of an apparatus of a time and in waste waste			PE, SG)	
	20	Of an apparatus of a type used in restaurants,	v			
		hotels or similar locations				
	80	Other	Χ			

<sup>1 /</sup> See General Note 6. 2/ See 9903.88.02. 3/ See 9903.88.01.

	Stat. Suf-	Article Description	Unit of		Rates of Duty	2
Subheading	fix	Atticle Description	Quantity	General	1 Special	
3420		Calendering or other rolling machines, other than for metals				
100 10		or glass, and cylinders therefor; parts thereof:				
3420.10 3420.10.10	00	Calendering or other rolling machines: Textile calendering or rolling machines	No	3.5%	Free (A, AU, BH,	40%
7120110110	00	Toking salahashing at raming maarimasiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	110	0.070	CA, CL, CO, D, E,	10 /0
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
100 10 00	00	Only and a decrease of a Manage Wasser and the control of a small decrease of a small			PE, SG)	
3420.10.20	00	Calendering or similar rolling machines for making paper pulp, paper or paperboard	No	Free 1/		35%
3420.10.90		Other				35%
7420.10.30	40	Calendering or other rolling machines for rubber		1 166 <u>2/</u>		33 /6
		and plastics	No.			
	80	Other	No.			
		Parts:				
3420.91 3420.91.10	00	Cylinders: For textile calendering or rolling machines	No	2 6% 2/	Free (A, AU, BH,	40%
1420.31.10	00	Tor textile calendering or folling macrimes	140	2.0 % <u>2/</u>	CA, CL, CO, D, E,	
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
100 01 00	00	_ , , , , , , , , , , , , , , , , , , ,			PE, SG)	
3420.91.20	00	For calendering or other rolling machines for machines for making paper pulp, paper or				
		paperboard	No	Free 2/		35%
3420.91.90	00	Other	No	Free 2/		35%
3420.99		Other:		_		
3420.99.10	00	Of machines for processing textiles	X	3.5% <u>1/</u>	Free (A, AU, BH,	40%
					CA, CL, CO, D, E, IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	
3420.99.20	00	Of machines for making paper pulp, paper or				
		paperboard		_		35%
3420.99.90	00	Other	X	Free <u>2/</u>		35%
				•		•

I I I 1/ See 9903.88.02. 2/ See 9903.88.01.

Heading/	Stat.	Auticle Description	Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
421		Centrifuges, including centrifugal dryers; filtering or purifying machinery and apparatus, for liquids or gases; parts thereof:	-			
3421.11.00	00	Centrifuges, including centrifugal dryers:  Cream separators	No	Free 1/		25%
421.12.00		Clothes-dryers		_		25%
3421.19.00		Other			Free (A, AU, BH, C,	25%
721.13.00	00			1.5 /6 <u>2/</u>	CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25 /0
421.21.00	00	Filtering or purifying machinery and apparatus for liquids: For filtering or purifying water	No	Free 2/		35%
3421.22.00		For filtering or purifying beverages other than water				35%
421.23.00		Oil or fuel filters for internal combustion engines			Free (A*, AU, B, BH,	
7-21.20.00		On or raci micro for internal combustion origines	<b>X</b>	2.576 <u>17</u>	C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	33 70
421.29.00		Other		Free <u>2/</u>		35%
	05	Refrigerant recovery and recycling units	No.			
	15	Other: Oil-separation equipment	No			
	13	Other:	NO.			
	40	Hydraulic fluid power filters, rated at				
		1,000 kPa or greater	No.			
	65		No.			
421.31.00	00	Filtering or purifying machinery and apparatus for gases: Intake air filters for internal combustion engines	Y	2.5% 1/	Free (A, AU, B, BH,	25%
	00		<b>X</b>	2.376 <u>17</u>	C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	33 /6
421.39 421.39.40	00	Other: Catalytic converters	No	Free 2/		35%
3421.39.40	00	Other		_		35%
0421.39.00		Dust collection and air purification equipment:		Fiee <u>2/</u>		35%
	05	For machine tools of headings 8456				
	<b>.</b> _	through 8465, inclusive				
	15	OtherOther:	Х			
		Industrial gas cleaning equipment:				
	20	Electrostatic precipitators				
	30	Other				
	40	Gas separation equipment	INO.			
	60	Other: Pneumatic fluid power filters, rated at				
	-	550 kPa or greater				
	90	Other	Х			

<sup>1/</sup> See 9903.88.03. 2/ See 9903.88.01.

Heading/	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
421 (con.)		Centrifuges, including centrifugal dryers; filtering or purifying machinery and apparatus, for liquids or gases; parts thereof: (con.)  Parts:	,			
421.91 421.91.20	00	Of centrifuges, including centrifugal dryers: Drying chambers for the clothes-dryers of subheading 8421.12 and other parts of clothes-dryers incorporating drying chambers	X	Free		25%
421.91.40	00	Furniture designed to receive the clothes-dryers of subheading 8421.12				25%
421.91.60	00	Other				25%
421.99.00	40	Other  Parts of machinery and apparatus for filtering or purifying water		Free <u>1/</u>		35%
	80	Other	Χ			
3422		Dishwashing machines; machinery for cleaning or drying bottles or other containers; machinery for filling, closing, sealing or labeling bottles, cans, boxes, bags or other containers; machinery for capsuling bottles, jars, tubes and similar containers; other packing or wrapping machinery (including heat-shrink wrapping machinery); machinery for aerating beverages; parts thereof:  Dishwashing machines:				
3422.11.00	00	Of the household type	No	2.4%	Free (A, AU, BH, CA, CL, CO, D, E,	35%
3422.19.00 3422.20.00	00 00	Other Machinery for cleaning or drying bottles or other	No	Free <u>1/</u>	IL, JO, MA, MX, OM, P, PA, PE, SG) 0.7% (KR)	35%
7422.20.00	00	containers	No	Free <u>1/</u>		35%

Heading/ Subheading	Stat. Suf-	Article Description	Unit of		Rates of Duty	2
Jubileading	fix	Attible Description	Quantity	General	Special	
422 (con.)		Dishwashing machines; machinery for cleaning or drying bottles or other containers; machinery for filling, closing, sealing or labeling bottles, cans, boxes, bags or other containers; machinery for capsuling bottles, jars, tubes and similar containers; other packing or wrapping machinery (including heat-shrink wrapping machinery); machinery for aerating				
3422.30		beverages; parts thereof: (con.)  Machinery for filling, closing, sealing or labeling bottles, cans, boxes, bags or other containers; machinery for capsuling bottles, jars, tubes and similar containers;				
3422.30.11	00	machinery for aerating beverages: Can-sealing machines	No	Free <u>1/</u>		30%
3422.30.91		Other		Free 1/		35%
	10	Machines for aerating beverages	No.	. 100 <u></u>		0070
	20	Labeling machines	No.			
		Other:  Machinery for filling, closing, sealing, capsuling or labeling bottles, cans or similar containers:  Machines for filling, whether or not capable of performing other operations:				
	30	Vacuum or gas packaging	No.			
	40	Other  Machines which perform only the following operations: capping, lidding, sealing or closing:	No.			
	50	Vacuum or gas packaging	No.			
	60	Other	No.			
	70	OtherMachinery for filling, closing, sealing, capsuling or labeling boxes, bags or similar containers:	No.			
	80	Machines for opening, filling and closing bags	No.			
	85	Machines for forming, filling and sealing bags/pouches	No.			
	86	Machines for opening, filling and closing boxes	No.			
	87	Machines for skin and blister packaging	No.			
	91	Other	No.			

	Stat.	A 4 1 5 1 4	Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
422 (con.)		Dishwashing machines; machinery for cleaning or drying bottles or other containers; machinery for filling, closing, sealing or	Quantity	General	Opeoidi	
		labeling bottles, cans, boxes, bags or other containers; machinery for capsuling bottles, jars, tubes and similar containers; other packing or wrapping machinery (including				
		heat-shrink wrapping machinery); machinery for aerating				
1400 40		beverages; parts thereof: (con.)				
3422.40		Other packing or wrapping machinery (including heat-shrink wrapping machinery):				
3422.40.11		Machines for packaging pipe tobacco; machines for				
7122.10.11		wrapping candy; machines for wrapping cigarette				
		packages; and combination candy cutting and				
		wrapping machines		Free <u>1/</u>		35%
	10	Machines for wrapping candy	No.			
	90	Other	No.			
3422.40.91		Other		Free <u>1/</u>		35%
	40	Strapping machines	No.			
	50	Machines for case and tray forming, packing,				
		unpacking, closing and sealing	No.			
	60	Machines for shrink film and heat sealing	No.			
	70	Machines for wrapping				
3422.90	81	OtherParts:	No.			
0422.90		Of dishwashing machines:				
3422.90.02	00	Water containment chambers for the dishwashing				
		machines of subheading 8422.11 and other parts				
		of dishwashing machines of the household type				
		incorporating water containment chambers	X	Free		35%
3422.90.04	00	Door assemblies for the dishwashing machines of				
		subheading 8422.11	X	Free <u>2/</u>		35%
3422.90.06		Other		Free 1/		35%
	40	Of the household type		_		
	80	Other	Χ			
3422.90.11	00	Of can-sealing machines		Free		30%
3422.90.21	00	Of machines for packaging pipe tobacco, wrapping				
7422.30.21	00	candy or wrapping cigarette packages, and of				
		combination candy cutting and wrapping machines	X	Free		35%
3422.90.91		Other		Free <u>1/</u>		35%
J122.00.01	20	Of machinery for cleaning or drying bottles or other		1100 <u>17</u>		00 70
		containers				
		Other:				
	30	Of strapping machines	Χ			
	60	Of other wrapping and packaging machines				
	95	Other	۸			
				1		1

I I I 1/ See 9903.88.01. 2/ See 9903.88.03.

		Article Description  Weighing machinery (excluding balances of a sensitivity of 5 cg or better), including weight-operated counting or checking	of Quantity	General	1	2
					Special	
					Oposiai	
423.10.00		eg of better), including weight operated counting of effecting				
3423.10.00		machines; weighing machine weights of all kinds; parts of				
3423.10.00		weighing machinery:				
		Personal weighing machines, including baby scales;		Free		450/
1 1	10	household scales Digital electronic type		Free		45%
'	'		INO.			
,	30	Other:	No			
		Of a kind suitable for carrying on the person				
-	60	Other	No.			
3423.20 3423.20.10 0	00	Scales for continuous weighing of goods on conveyors: Using electronic means for gauging weights	No	Eroo 1/		45%
				_		
3423.20.90 0	00	Other	No	2.9% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
3423.30.00	00	Constant-weight scales and scales for discharging a				
		predetermined weight of material into a bag or container,	l			
		including hopper scales	No	Free <u>1/</u>		45%
		Other weighing machinery:				
3423.81.00		Having a maximum weighing capacity not exceeding				
		30 kg		Free <u>2/</u>		45%
1	10	Digital electronic type: Counting scales	No			
		-				
2	20	Retail scales, non-computing				
3	30	Retail scales, computing	No.			
4	40	Other	No.			
-	50	Other	No.			
3423.82.00		Having a maximum weighing capacity exceeding 30 kg				
		but not exceeding 5,000 kg		Free <u>1/</u>		45%
	10	Digital electronic type				
	50	Other	No.			
3423.89	ا م	Other:	 	F 4 /		450/
	00	Using electronic means for gauging		_		45%
3423.89.90 0	00	Other	No	2.9% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
3423.90		Weighing machine weights of all kinds; parts of weighing				
		machinery:				
3423.90.10 0	00	Parts of weighing machinery using electronic means				
		for gauging weight, excluding parts of machines for	V	Гиат <b>4</b> /		450/
		weighing motor vehicles		_		45%
3423.90.90	00	Other	X	2.8% <u>1/</u>	Free (A, AU, BH,	45%
					CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	

<sup>1/</sup> See 9903.88.01. 2/ See 9903.88.03.

0 '	A C L D C	Unit		Rates of Duty	_
Suf- fix	Article Description	of Quantity	General	1 Special	2
	appliances; steam or sand blasting machines and similar jet projecting machines; parts thereof:			Орожи.	
00		No	Free		35%
00	Spray guns and similar appliances: Simple piston pump sprays and powder bellows	X	2.9% <u>1/</u>	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
00	Steam or sand blasting machines and similar jet projecting		Free <u>1/</u>		35%
00		No	Free 1/		Free
00	Other	Χ	Free 1/		35%
	Agricultural or horticultural sprayers: Portable sprayers:		. 166 <u></u>		0070
	a capacity not over 20 liters)	No	Free 1/		Free
00			_	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA,	35%
00		No	2.4% <u>1/</u>	PE, SG) Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
			2.4% <u>2/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
10	Irrigation equipment:	No			
00	Mechanical appliances for projecting, dispersing or spraying, of a kind used solely or principally for the manufacture of printed circuits or printed circuit		- O/		050/
			_		35%
00	Other	No	1.8% <u>2/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	00 00 00 00 00 10 20 90	projecting, dispersing or spraying liquids or powders; fire extinguishers, whether or not charged; spray guns and similar appliances; steam or sand blasting machines and similar jet projecting machines; parts thereof:  Fire extinguishers, whether or not charged	projecting, dispersing or spraying liquids or powders; fire extinguishers, whether or not charged; spray guns and similar appliances; steam or sand blasting machines and similar it projecting machines; parts thereof:  Fire extinguishers, whether or not charged	projecting, dispersing or spraying liquids or powders; fire extinguishers, whether or not charged; spray guns and similar appliances; steam or sand blasting machines and similar jet projecting machines; parts thereof:  Fire extinguishers, whether or not charged	projecting, dispersing or spraying liquids or powders; fire extinguishers, whether or not charged; spray guns and similar appliances; steam or sand blasting machines and similar jet projecting machines; parts thereof:

<sup>1/</sup> See 9903.88.03. 2/ See 9903.88.02. 3/ See 9903.88.01.

Heading/	Stat.	Article Description	Unit		Rates of Duty	2
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
3424 (con.) 3424.90		Mechanical appliances (whether or not hand operated) for projecting, dispersing or spraying liquids or powders; fire extinguishers, whether or not charged; spray guns and similar appliances; steam or sand blasting machines and similar jet projecting machines; parts thereof: (con.)  Parts:	,			
3424.90.05	00	Of fire extinguishers	X	Free		35%
3424.90.10	00	Of simple piston pump sprays and powder bellows	X	2.9%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
3424.90.20	00	Of sand blasting machines	X	Free <u>1/</u>		Free
3424.90.90		Other		Free 2/		35%
	40	Of steam and similar jet projecting machines	Χ			
	80	Other	Χ			
3425		Pulley tackle and hoists other than skip hoists; winches and capstans; jacks: Pulley tackle and hoists other than skip hoists or hoists of a kind used for raising vehicles:				
3425.11.00		Powered by electric motor		_		35%
3425.19.00	00	Other	No	Free <u>2/</u>		35%
3425.31.01	00	Winches; capstans: Powered by electric motor	No	Free 2/		35%
3425.39.01	00	Other		<del></del>		35%
0420.09.01	00	Jacks; hoists of a kind used for raising vehicles:	NO	Free <u>  17</u>		35%
3425.41.00	00	Built-in jacking systems of a type used in garages	No	Free <u>2/</u>		35%
3425.42.00	00	Other jacks and hoists, hydraulic				35%
3425.49.00	00	Other		_		35%
8426		Ships' derricks; cranes, including cable cranes; mobile lifting frames, straddle carriers and works trucks fitted with a crane:  Overhead traveling cranes, transporter cranes, gantry cranes, bridge cranes, mobile lifting frames and straddle carriers:				
3426.11.00	00	Overhead traveling cranes on fixed support	No	Free		35%
3426.12.00	00	Mobile lifting frames on tires and straddle carriers				35%
3426.19.00	00	Other	No	Free		35%
3426.20.00		Tower cranes				35%
3426.30.00	00	Portal or pedestal jib cranes	No	Free <u>2/</u>		35%
3426.41.00	05	Other machinery, self-propelled: On tires		Free <u>1/</u>		35%
		Other:				
	10	Cable operated				
100 40 00	90	Other		Fran 4 /		050/
3426.49.00	10	Other  Cable operated		Free <u>1/</u>		35%
	90	Other				
	90	Other Other machinery:	INU.			
3426.91.00	00	Designed for mounting on road vehicles	No	Free <u>2/</u>		35%
3426.99.00	00	Other		Free <u>1/</u>		35%
				_		

<sup>1/</sup> See 9903.88.01. 2/ See 9903.88.03.

	Stat.	Article Description	Unit		Rates of Duty	1 2
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
427		Fork-lift trucks; other works trucks fitted with lifting or handling equipment:				
427.10		Self-propelled trucks powered by an electric motor:				
427.10.40	00	Rider-type, counterbalanced fork-lift trucks	No	Free <u>1/</u>		35%
427.10.80		Other		Free 1/		35%
	10	Operator riding		_		
	60	Automated guided vehicle (AGV)	No.			
	90	Other	No.			
427.20		Other self-propelled trucks:				
427.20.40	00	Rider-type, counterbalanced fork-lift trucks		_		35%
	00	Other				35%
427.90.00	00	Other trucks	No	Free <u>2/</u>		35%
428		Other lifting, handling, loading or unloading machinery (for				
428.10.00		example, elevators, escalators, conveyors, teleferics):				
428.10.00	00	Passenger or freight elevators other than continuous action; skip hoists	No	Free		35%
428.20.00		·				
428.20.00	10	Pneumatic elevators and conveyors  Conveyors		Free <u>1/</u>		35%
	50	-				
	50	ElevatorsOther continuous-action elevators and conveyors, for	NO.			
		goods or materials:				
428.31.00	00	Specially designed for underground use	No	Free <u>1/</u>		35%
428.32.00	00	Other, bucket type	No	Free 1/		35%
428.33.00	00	Other, belt type				35%
	00	Other				35%
	00	Escalators and moving walkways				35%
	00	Teleferics, chair lifts, ski draglines; traction mechanisms				
420.00.00	00	for funiculars	No	Free		35%
428.90.02		Other machinery				35%
7420.30.02	10	Woodland log handling equipment (other than		1166 <u>1/</u>		33 /6
		skidders)	No.			
	20	Industrial robots	No.			
	90	Other	No			
			110.			
						1
						1
						1
						1
					1	1

I I I 1/ See 9903.88.01. 2/ See 9903.88.03.

Heading/	Stat.	Article Description	Unit		Rates of Duty	ာ
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
8429		Self-propelled bulldozers, angledozers, graders, levelers, scrapers, mechanical shovels, excavators, shovel loaders,			·	
		tamping machines and road rollers:				
		Bulldozers and angledozers:		,		0.504
8429.11.00	10	Track laying New		Free 1/		35%
			_			
8429.19.00	90	Used or rebuilt Other		Free <u>1/</u>		35%
0120.10.00	10	New		1100 <u>17</u>		00 /0
	90	Used or rebuilt	No.			
8429.20.00		Graders and levelers		Free <u>1/</u>		35%
8429.30.00		Scrapers		Free 1/		35%
		New:				
	20	Not exceeding 13.7 m <sup>3</sup>	No.			
	40	Exceeding 13.7 m <sup>3</sup>	No.			
	60	Used or rebuilt				
8429.40.00		Tamping machines and road rollers		Free <u>1/</u>		35%
	20	New:	No			
	20	Vibratory				
	40 60	OtherUsed or rebuilt				
	00	Mechanical shovels, excavators and shovel loaders:	INO.			
8429.51		Front-end shovel loaders:				
8429.51.10		Wheel-type		Free <u>1/</u>		35%
		New:				
		Integral tractor shovel loaders, rear engine mounted:				
	05	2 wheel drive	No.			
		4 wheel drive with a bucket capacity				
		of:				
	15	Under 1.5 m <sup>3</sup>	No.			
	25	At least 1.5 m <sup>3</sup> but under				
		2.2 m³	No.			
	30	At least 2.2 m <sup>3</sup> but under				
		2.9 m <sup>3</sup>	No			
	35	At least 2.9 m <sup>3</sup> but under	110.			
	33	At least 2.9 m <sup>-</sup> but under 3.8 m <sup>3</sup>	Nie			
			INO.			
	40	At least 3.8 m <sup>3</sup> but under				
		-	No.			
	45	At least 5.2 m <sup>3</sup> but under				
		7.6 m <sup>3</sup>	No.			
	50	At least 7.6 m <sup>3</sup> but under				
		11.4 m³	No.			
	55	11.4 m <sup>3</sup> and over	No			
	60	Other				
	65	Used or rebuilt				
8429.51.50		Other		Free <u>1/</u>		35%
	10	New: Less than 44.7 kW	No			
	20	At least 44.7 kW but under 67.1 kW	_			
	30	At least 67.1 kW but under 93.2 kW				
	40	At least 93.2 kW but under 119.3 kW	No.			
	50	119.3 kW and over				
	60	Used or rebuilt	I N I -	1	1	1

3	Stat.	Australia Description	Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
429 (con.)		Self-propelled bulldozers, angledozers, graders, levelers,	,		Sp SSissi	
		scrapers, mechanical shovels, excavators, shovel loaders,				
		tamping machines and road rollers: (con.)				
429.52		Mechanical shovels, excavators and shovel loaders: (con.)  Machinery with a 360° revolving superstructure:				
429.52.10		Backhoes, shovels, clamshells and draglines		Free 1/		35%
120.02.10		New:		1100 <u>11</u>		00 70
		Crawler mounted:				
	10	Hydraulic	No.			
	20	Other	No.			
		Other:				
	30	Hydraulic	No.			
	40	Other	No.			
	50	Used or rebuilt	No.			
429.52.50		Other		Free <u>1/</u>		35%
	10	New	No.			
	90	Used or rebuilt	No.			
3429.59		Other:				
3429.59.10		Backhoes, shovels, clamshells and draglines		Free <u>1/</u>		35%
	20	New:	No			
	30	Backhoes	-			
	60	Other				
400 50 50	90	Used or rebuilt		<b>□</b> 1/		050/
429.59.50		Other New:		Free <u>1/</u>		35%
		Ditchers and trenchers:				
	20	Ladder type	No.			
	40	Other				
	60	Other				
	80	Used or rebuilt				
	1	1			ī	

Heading/ Subheading	Stat. Suf-	Article Description	Unit of	-	Rates of Duty 1	2
Jubileadilig	fix	Attible Description	Quantity	General	Special	
430		Other moving, grading, leveling, scraping, excavating, tamping, compacting, extracting or boring machinery, for earth, minerals or ores; pile-drivers and pile-extractors; snowplows and snowblowers:				
3430.10.00	00	Pile-drivers and pile-extractors	No	Free <u>1/</u>		35%
3430.20.00		Snowplows and snowblowers		Free		35%
	30	Snowblowers: Attachment type	No			
		Other				
	60 90	Other				
		Coal or rock cutters and tunneling machinery:	110.			
3430.31.00		Self-propelled		Free <u>1/</u>		35%
	40	Rock breaking machines	No.			
	80	Other				
3430.39.00	40	Other		Free <u>1/</u>		35%
	40	Rock breaking machines				
	80	Other	No.			
3430.41.00	იი	Other boring or sinking machinery: Self-propelled	No	Free 1/		35%
	00		110	1166 <u>1/</u>		33 /6
3430.49 3430.49.40	00	Other: Offshore oil and natural gas drilling and production				
7100.10.10	00	platforms		Free 2/		45%
3430.49.80		Other	•	_		35%
100.10.00		For oil well and gas field drilling:		1 100 <u>11</u>		00 /0
	10	Rotary	No.			
	20	Other	No.			
		For water well drilling:				
	30	Rotary	No.			
	40	Other	No.			
	50	Other	No.			
3430.50 3430.50.10	00	Other machinery, self-propelled: Peat excavators	No	Eroo 2/		35%
				_		
3430.50.50	00	OtherOther machinery, not self-propelled:	NO	Free <u>1/</u>		35%
3430.61.00	00	Tamping or compacting machinery	No	Free 1/		35%
3430.69.01		Other				35%
7-00.00.01	00	Otto:	110	1166 <u>1/</u>		33 /6
				1		

I I I 1/ See 9903.88.01. 2/ See 9903.88.03.

	Stat.	Autillo Description	Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
3431		Parts suitable for use solely or principally with the machinery			-,	
		of headings 8425 to 8430:				
3431.10.00		Of machinery of heading 8425		Free <u>1/</u>		35%
	10	Of machinery of subheading 8425.11 or 8425.19				
	90	Other		<u></u>		
3431.20.00	00	Of machinery of heading 8427	X	Free <u>1/</u>		35%
		Of machinery of heading 8428:				
3431.31.00		Of passenger or freight elevators other than continuous		Гтоо 1/		<b>0</b> E0/
	20	action, skip hoists or escalators Of skip hoists		Free <u>17</u>		35%
	40	Of escalators				
	60	Other		<u></u>		
3431.39.00	10	Other		Free <u>1/</u>		35%
	10	Of elevators and conveyors	^			
		Other:	V			
	50	Of oil and gas field machinery	X			
	70	Of the woodland log handling equipment of	.,			
		statistical reporting number 8428.90.0210	X			
	80	Other	X			
2404 44 00		Of machinery of heading 8426, 8429 or 8430:				050/
3431.41.00	20	Buckets, shovels, grabs and grips Shovel attachments		Free <u>1/</u>		35%
			_			
	40	Clamshell (grappler) attachments				
	60	Dragline buckets	No.			
	80	Other	No.			
3431.42.00	00	Bulldozer or angledozer blades	No	Free <u>1/</u>		35%
3431.43		Parts for boring or sinking machinery of subheading				
		8430.41 or 8430.49:				
3431.43.40	00	Of offshore oil and natural gas drilling and	.,	<u></u>		
		production platforms		<u> </u>		45%
3431.43.80		Other		Free <u>1/</u>		35%
	20	Of oil and gas field machinery:	NI-			
	20	Tool joints, whether or not forged				
	40	Drill pipe fitted with tool joints	No.			
	60	Other	Χ			
	90	Of other boring or sinking machinery	Х			
			I	Ī		

	Stat. Suf-	Article Description	Unit		Rates of Duty	2
Subheading	fix	Article Description	of Quantity	General	1 Special	
431 (con.)		Parts suitable for use solely or principally with the machinery				
		of headings 8425 to 8430: (con.)  Of machinery of heading 8426, 8429 or 8430: (con.)				
431.49		Other:				
431.49.10		Of machinery of heading 8426		Free 1/		35%
	10	Of machinery of subheadings 8426.11,				
		8426.19 and 8426.30	X			
	60	Of mobile lifting frames, straddle carriers and				
		works trucks fitted with a crane				
101 10 00	90	Other				0.504
431.49.90		OtherAttachments for mounting on machinery:		Free <u>1/</u>		35%
	05	Backhoe attachments	No.			
	10	Front-end loader attachments	-			
	15	Rippers and rooters				
	20	OtherOther:	No.			
		Parts of coal or rock cutters and tunneling				
		machinery:				
	25	Cast axle housings	No.			
	30	Other	Χ			
		Parts of backhoes, shovels, clamshells				
	35	and draglines:  Cast axle housings	No			
		Other:	140.			
	36	Road wheels	Х			
	38	Wheel and tire assemblies				
		Other				
	44	Other:	X			
	45	Scraper bowls for scrapers of				
		subheadings 8429.30 and				
		8430.69.01				
	50	Track links	X			
	55	Cast axle housings	No.			
		Other:				
	81	Steel forgings	kg			
		Other:				
	84	Road wheels	X			
	90	Wheel and tire assemblies	Χ			
	95	Other	Χ			
						1

	Stat.	Auticle Description	Unit		Rates of Duty	1 ^
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
432		Agricultural, horticultural or forestry machinery for soil preparation or cultivation; lawn or sports ground rollers; parts				
3432.10.00		thereof: Plows		Free 1/		Free
	20	Moldboard plows except listers				
	40	Disc plows				
3432.21.00	60	OtherHarrows, scarifiers, cultivators, weeders and hoes:  Disc harrows		Free 1/		Free
3432.29.00		Other		_		Free
	40	Cultivators, weeders and hoes: Cultivators, tractor drawn or for tractor mounting	No	_		
	60	Walk behind rotary tillers				
	80	Other				
	90	Other				
3432.31.00	10	Seeders, planters and transplanters  No-till direct seeders, planters and transplanters  Planters and transplanters		Free <u>2/</u>		Free
	90	Seeders				
3432.39.00	10	Other		Free <u>2/</u>		Free
	10 90	Planters and transplantersSeeders				
	90	Manure spreaders and fertilizer distributors:				
3432.41.00		Manure spreaders		_		Free
3432.42.00 3432.80.00	00	Fertilizer distributors Other machinery				Free Free
3102.00.00	10	Tow behind spreaders, aerators, and de- thatchers		1100 <u>17</u>		1100
	80	Other				_
3432.90.00	10	PartsRoad wheels without tires		Free <u>1/</u>		Free
	20	Wheel and tire assemblies	No.			
		Other:				
	40	Of plows	Х			
	50	Of harrows, scarifiers, cultivators, weeders and hoes	х			
	60	Of seeders, planters, transplanters, manure spreaders and fertilizer distributors	х			
	81	Of other machinery				
			ĺ			

<sup>1/</sup> See 9903.88.01. 2/ See 9903.88.02. 3/ See 9903.88.03.

Heading/ Subheading	Stat. Suf-	Article Description	Unit of		Rates of Duty 1	2
Cubileadilig	fix	Attible Description	Quantity	General	Special	
433		Harvesting or threshing machinery, including straw or fodder balers; grass or hay mowers; machines for cleaning, sorting or grading eggs, fruit or other agricultural produce, other than machinery of heading 8437; parts thereof:  Mowers for lawns, parks or sports grounds:				
433.11.00	10	Powered, with the cutting device rotating in a horizontal plane  Electric mowers, including battery operated		Free		30%
	20	Riding mowers, other than electric:  Under 5.2 kW				
	30	5.2 kW and over but under 7.46 kW				
	40	7.46 kW and over				
	40	Other:	NO.			
	50	Under 3.7 kW				
	60	3.7 kW and over				
3433.19.00	10	Other Greens mowers		Free		30%
			_			
	20	Gang cutting units				
	30	Other riding mowers Other:				
	40	Gasoline powered				
	50		No.			_
3433.20.00	20	Other mowers, including cutter bars for tractor mounting  Tractor drawn or for tractor mounting:  Rotary cutter type		Free <u>1/</u>		Free
	40	Other				
	60	Other				
3433.30.00	00	Other haymaking machinery	-	. Free <u>1/</u>		Free
3433.40.00	00	Straw or fodder balers, including pick-up balers	No	. Free <u>1/</u>		Free
3433.51.00		Other harvesting machinery; threshing machinery: Combine harvester-threshers		Free 1/		Free
	10	Self-propelled	No.			
	90	Other	-			
433.52.00		Other threshing machinery				Free
3433.53.00	00	Root or tuber harvesting machines		_		Free
3433.59.00	10	Other		Free <u>1/</u>		Free
	10	Field forage harvesters				
3433.60.00	90	Other  Machines for cleaning, sorting or grading eggs, fruit or other agricultural produce		Free 1/		Free
	10	Machines for cleaning, sorting or grading eggs	No.	1.133 1/		1.00
	90	Other				

	tat.				Rates of Duty	
	uf- ix	Article Description	of Quantity	General	1 Special	2
433 (con.)		Harvesting or threshing machinery, including straw or fodder balers; grass or hay mowers; machines for cleaning, sorting or grading eggs, fruit or other agricultural produce, other than machinery of heading 8437; parts thereof: (con.)				
433.90 433.90.10	0	Parts: Of mowers for lawns, parks or sports grounds: Wheel and tire assemblies	X	Free <u>1/</u>		30%
9433.90.50	90	Other Other mowers, harvesting machines and threshing machines:		Free <u>2/</u>		Free
1	0	Road wheels				
2	25	Of haying machines and balers				
	15 30	Other Of machines for cleaning, sorting or grading eggs				
8	30	Of machines for cleaning, sorting or grading fruit or other agricultural produce				
434 434.10.00 0		Milking machines and dairy machinery, and parts thereof: Milking machines		Free		Free
434.20.00 0	00	Dairy machinery	No	Free <u>2/</u>		Free
434.90.00 0	00	Parts	X	Free 2/		Free
435		Presses, crushers and similar machinery, used in the manufacture of wine, cider, fruit juices or similar beverages; parts thereof:				
435.10.00 0	00	Machinery Parts				40%

<sup>1/</sup> See 9903.88.03. 2/ See 9903.88.01.

Heading/	Stat.	Article Description	Unit		Rates of Duty	2
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
436		Other agricultural, horticultural, forestry, poultry-keeping or bee-keeping machinery, including germination plant fitted with mechanical or thermal equipment; poultry incubators and brooders; parts thereof:				
436.10.00	00	Machinery for preparing animal feeds  Poultry-keeping machinery; poultry incubators and	No	Free <u>1/</u>		Free
436.21.00	00	brooders:  Poultry incubators and brooders	No	Free <u>1/</u>		Free
436.29.00 436.80.00	00	OtherOther machinery				Free Free
100.00.00	20	Forestry machinery		1100 <u>17</u>		1100
	40	Other:  Barn and barnyard machines	No.			
	60	Machines for preparing crops for market or for use	No.			
	70	Other: Bee-keeping machinery	No.			
	90	OtherParts:				
436.91.00		Of poultry-keeping machinery or poultry incubators and brooders		Free 1/		Free
	40	Of poultry incubators and brooders	X	. 100 <u>17</u>		
436.99.00	80	Other		Free <u>1/</u>		Free
	20 30	Of forestry machinery  Of bee-keeping machinery				
	35	Of machinery for preparing animal feeds				
	40	Other: Of barn or barnyard machines	X			
	70	Of machines for preparing crops for market or for use				
	90	Other	Χ			
437		Machines for cleaning, sorting or grading seed, grain or dried leguminous vegetables, and parts thereof; machinery used in the milling industry or for the working of cereals or dried leguminous vegetables, other than farm type machinery; parts thereof:				
437.10.00	00	Machines for cleaning, sorting or grading seed, grain or dried leguminous vegetables	No	Free <u>1/</u>		35%
437.80.00	10	Other machineryFlour mill and grain mill machines		Free <u>1/</u>		35%
437.90.00	90	OtherParts		Free 1/		35%
107.00.00	10	Of flour mill or grain mill machines	X	1100 <u>11</u>		00 /0
	90	Other	Х			

	Stat.	Article Description	Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
438		Machinery, not specified or included elsewhere in this chapter, for the industrial preparation or manufacture of food or drink, other than machinery for the extraction or preparation of animal	•	90.1014	Gpoorta.	
438.10.00		or fixed vegetable fats or oils; parts thereof:  Bakery machinery and machinery for the manufacture of macaroni, spaghetti or similar products		Free		35%
	10	Bakery machinery				
438.20.00	90	Other Machinery for the manufacture of confectionery, cocoa or chocolate		Free		35%
3438.30.00	00	Machinery for sugar manufacture	No	Free		Free
438.40.00	00	Brewery machinery	No	2.3%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
3438.50.00		Machinery for the preparation of meat or poultry		2.8% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	10	Meat- and poultry-packing plant machinery				
	90	Other	No.			
3438.60.00	00	Machinery for the preparation of fruits, nuts or vegetables	No	Eroo 1/		35%
3438.80.00	00	Other machinery				
	00	-	NO	Free <u>  17</u>		40%
438.90 438.90.10	00	Parts: Of machinery for sugar manufacture	X	Free		Free
3438.90.90	00	Other			Free (A, AU, BH,	35%
	15	Of bakery machinery and machinery for the manufacture of macaroni, spaghetti or similar		· · · · —	CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	
		products	Х			
	30	Of machinery for the manufacture of confectionery, cocoa or chocolate	X			
	60	Of machinery for the preparation of meat or poultry	X			
	90	Other	Х			
						I

Heading/	Stat. Suf-	Article Description	Unit of		Rates of Duty	2
Subheading	fix	Atticle Description	of Quantity	General	1 Special	
3439		Machinery for making pulp of fibrous cellulosic material or for making or finishing paper or paperboard (other than the				
3439.10.00	10	machinery of heading 8419); parts thereof:  Machinery for making pulp of fibrous cellulosic material  New		Free <u>1/</u>		35%
	90	Used or rebuilt	-			
3439.20.00	10	Machinery for making paper or paperboard New		Free <u>1/</u>		35%
3439.30.00	90 00	Used or rebuilt Machinery for finishing paper or paperboard		Free <u>1/</u>		35%
3439.91		Parts: Of machinery for making pulp of fibrous cellulosic				
3439.91.10	00	materials:  Bed plates, roll bars and other stock-treating parts	X	Free 1/		20%
3439.91.90 3439.99	00	OtherOther:	X	Free <u>1/</u>		35%
3439.99.10	00	Of machinery for making paper or paperboard	X	Free <u>1/</u>		35%
8439.99.50	00	Of machinery for finishing paper or paperboard	X	Free <u>1/</u>		35%
3440		Bookbinding machinery, including book-sewing machines, and parts thereof:				
8440.10.00	00	Machinery				25%
8440.90.00	00	Parts	X	Free		25%
3441		Other machinery for making up paper pulp, paper or paperboard, including cutting machines of all kinds, and parts thereof:				
8441.10.00	00	Cutting machines	No	Free <u>2/</u>		35%
8441.20.00	00	Machines for making bags, sacks or envelopes	No	Free 1/		35%
8441.30.00	00	Machines for making cartons, boxes, cases, tubes, drums or similar containers, other than by molding				35%
3441.40.00	00	Machines for molding articles in paper pulp, paper or paperboard	No	Free <u>1/</u>		35%
8441.80.00	00	Other machinery	No	Free <u>1/</u>		35%
8441.90.00	00	Parts	X	Free <u>1/</u>		35%
8442		Machinery, apparatus and equipment (other than the machines of headings 8456 to 8465), for preparing or making plates, cylinders or other printing components; plates, cylinders and other printing components; plates, cylinders and lithographic stones, prepared for printing purposes (for example, planed, grained or polished); parts thereof:				
8442.30.01	10	Machinery, apparatus and equipment		Free <u>1/</u>		Free
	10	Phototypesetting and composing machines				
8442.40.00	50 00	Other machinery, apparatus and equipment  Parts of the foregoing machinery, apparatus or equipment		Free 1/		Free
8442.50		Plates, cylinders and other printing components; plates, cylinders and lithographic stones, prepared for printing				
8442.50.10	00	purposes (for example, planed, grained or polished): Plates	No	Free 2/		25%
8442.50.10			No	_		60%
O TTL. 30.30	30	Cito				700 70

I I I 1/ See 9903.88.01. 2/ See 9903.88.03.

Heading/	Stat.	A CLE DOLL C	Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
443		Printing machinery used for printing by means of plates, cylinders and other printing components of heading 8442; other printers, copying machines and facsimile machines, whether or not combined; parts and accessories thereof:  Printing machinery used for printing by means of plates, cylinders and other printing components of heading 8442:	addininy	General	Special	
443.11 443.11.10	00	Offset printing machinery, reel-fed: Double-width newspaper printing presses	No	3.3% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
443.11.50 443.12.00		Other Offset printing machinery, sheet-fed, office type (using sheets with one side not exceeding 22 cm and the other side not exceeding 36 cm in the unfolded state)				25% 25%
3443.13.00	00	Other offset printing machinery:				25%
3443.14.00		Letterpress printing machinery, reel fed, excluding		. 100 <u>17</u>		2070
5443.14.00	00	flexographic printing	No	2.2% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
3443.15.00	00	Letterpress printing machinery, other than reel fed, excluding flexographic printing	No	Free <u>2/</u>		25%
3443.16.00	00	Flexographic printing machinery	No	2.2% <u>2/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
3443.17.00	00	Gravure printing machinery	No	2.2% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
3443.19 3443.19.20	00	Other: Textile printing machinery	x	2.6%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
3443.19.30	00	Other	X	Free <u>1/</u>	1 2, 33)	25%

<sup>1/</sup> See 9903.88.01. 2/ See 9903.88.03.

Heading/	Stat.		Unit		Rates of Duty	1 .
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
8443 (con.)		Printing machinery used for printing by means of plates, cylinders and other printing components of heading 8442; other printers, copying machines and facsimile machines, whether or not combined; parts and accessories thereof: (con.)  Other printers, copying machines and facsimile machines,				
3443.31.00	00	whether or not combined:  Machines which perform two or more of the functions of printing, copying or facsimile transmission, capable of connecting to an automatic data processing machine		Free		35%
3443.32		Other, capable of connecting to an automatic data processing machine or to a network:				
3443.32.10		Printer units:		Free		35%
	10	Capable of producing more than 20 pages per minute				
	20 30	OthertypeLight bar electronic type				
	40	Ink jet	No.			
	50	Thermal transfer	No.			
	60	lonographic	No.			
	70	Daisy wheel	No.			
	80	Dot matrix	No.			
	90	Other				
3443.32.50 3443.39	00	Other Other: Copying machines: Electrostatic photocopying apparatus:	X	Free		35%
8443.39.10	00	Operating by reproducing the original image directly onto the copy (direct	No	Free		35%
3443.39.20	00	Operating by reproducing the original image via an intermediate onto the copy (indirect process)	No	Eroo 1/		35%
3443.39.30	00	Other photocopying apparatus: Incorporating an optical system		_		
3443.39.40				<del></del>		35%
3443.39.40 3443.39.50		Of the contact type Thermocopying apparatus				35% 35%
3443.39.60	00	1.5 - 1.1	No	<del></del>		35%
8443.39.90	00	Other	No	Free		35%

Heading/	Stat.	Asticle Description	Unit		Rates of Duty	1 0
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
3443 (con.)		Printing machinery used for printing by means of plates, cylinders and other printing components of heading 8442; other printers, copying machines and facsimile machines, whether or not combined; parts and accessories thereof: (con.)  Parts and accessories:				
3443.91		Parts and accessories of printing machinery used for printing by means of plates, cylinders and other printing components of heading 8442:				
3443.91.10	00	Machines for uses ancillary to printing				25%
3443.91.20	00	Parts for textile printing machinery				40%
3443.91.30	00	Other	X	Free		25%
8443.99 8443.99.10	00	Other:  Accessory and auxiliary machines which are intended for attachment to an electrostatic photocopier and which do not operate independently of such photocopier	No	Free <u>2/</u>		35%
3443.99.20		Parts and accessories of printers: Parts of printer units of subheading 8443.32.10 specified in additional U.S. note 2 to this				
	10	chapter:Ink cartridges		Free <u>1/</u>		35%
	50	Other				
8443.99.25	50	Other:		Free		35%
	10	Ink cartridges				
3443.99.30	50	OtherParts and accessories of facsimile machines: Parts of facsimile machines specified in	X			
0110.00.00	00	additional U.S. note 3 to this chapter	X	Free <u>2/</u>		35%
8443.99.35	00	Other	X	Free 2/		35%
3443.99.40	00	Parts and accessories of copying machines: Parts of photocopying apparatus of subheading 8443.39.20 specified in additional		_		
		U.S. note 4 to this chapter	X	Free <u>3/</u>		35%
3443.99.45	00	Other	X	Free <u>1/</u>		35%
3443.99.50		Other:		Free		35%
	11	For the goods of subheading 8443.31: Ink cartridges	No			
	15	Other				
	50	Other				
3444.00.00		Machines for extruding, drawing, texturing or cutting man-made textile materials		Free <u>1/</u>		40%
	10	Texturing machines				
	90	Other	No.			
					1	

<sup>1/</sup> See 9903.88.01. 2/ See 9903.88.03. 3/ See 9903.88.02.

Heading/ Subheading	Stat. Suf-	Article Description	Unit of		Rates of Duty	2
	fix	·	Quantity	General	Special	
3445		Machines for preparing textile fibers; spinning, doubling or twisting machines and other machinery for producing textile yarns; textile reeling or winding (including weft winding) machines and machines for preparing textile yarns for use on the machines of heading 8446 or 8447:  Machines for preparing textile fibers:  Carding machines		Free		409/
3445.11.00		_				40%
3445.12.00	00	Combing machines	No	Free		40%
3445.13.00	00	Drawing or roving machines	No	Free		40%
3445.19.00		Other		3.3%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
	40	Cotton gins	No.		·	
	80	Other	No.			
3445.20.00	00	Textile spinning machines	No	Free		40%
3445.30.00		Textile doubling or twisting machines		Free		40%
	10	Textile twisting machines				
	90	Other	No.			
3445.40.00	00	Textile winding (including weft winding) or reeling				
		machines	No	3.7%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
					CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	

	Stat.	Andala D. 111	Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
446		Weaving machines (looms):	,		Sp S S S S	
446.10.00		For weaving fabrics of a width not exceeding 30 cm		Free		40%
	10	Power looms	No.			
	90		No.			
		For weaving fabrics of a width exceeding 30 cm, shuttle				
446.21		type: Power looms:				
446.21.10	00	For weaving fabrics of a width exceeding 4.9 m	No	Free		40%
446.21.50	00	Other	No	3.7%	Free (A, AU, BH,	40%
					CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	
446.29.00 446.30	00	OtherFor weaving fabrics of a width exceeding 30 cm, shuttleless	No	Free		40%
440 00 40		type:				
446.30.10		Power looms for weaving fabrics of a width exceeding 4.9 m		Free		40%
	10	Rapier type		1100		70 /0
	20	Jet type				
	30	Other				
3446.30.50	30	Other		3.7% 1/	Free (A, AU, BH,	40%
	10			_	CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	
	10	Rapier type				
	20	Jet type				
	30	Other	No.			
	1				1	I

Heading/ Subheading	Stat. Suf-	Article Description	Unit of		Rates of Duty	2
	fix		Quantity	General	Special	
3447		Knitting machines, stitch-bonding machines and machines for making gimped yarn, tulle, lace, embroidery, trimmings, braid or net and machines for tufting:  Circular knitting machines:				
3447.11		With cylinder diameter not exceeding 165 mm:				
447.11.10	00	For knitting hosiery	No	Free		40%
447.11.90		Other		Free		40%
7.11.30	10	Open-top cylinder machines	No.	11166		40 /0
	20	Cylinder and dial machines	No.			
447.12	90	OtherWith cylinder diameter exceeding 165 mm:	No.			
3447.12.10	00	For knitting hosiery	No	Free		40%
447.12.90		Other		Free		40%
	10	Open-top cylinder machines				
	20	Cylinder and dial machines				
	90	Other				
447.20	90	Flat knitting machines; stitch-bonding machines:  V-bed flat knitting machines:	NO.			
3447.20.20	00	Power driven flat knitting machines over 50.8 cm				
			No			40%
447.20.30	00	Other	No	2.6%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA,	40%
447.20.40	00	Warp knitting machines	No	Free	PE, SG)	40%
447.20.60	00	Other	No	Free		40%
447.90		Other:				10 70
447.90.10	00	Braiding and lace-braiding machines	No	Free		40%
447.90.50	00	Embroidery machines	No	Free		30%
447.90.90	00	Other				40%

Heading/	Stat.	Article Description	Unit		Rates of Duty	2	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2	
3448		Auxiliary machinery for use with machines of heading 8444,	,		Sp state.		
		8445, 8446 or 8447 (for example, dobbies, Jacquards,					
		automatic stop motions and shuttle changing mechanisms);					
		parts and accessories suitable for use solely or principally with					
		the machines of this heading or of heading 8444, 8445, 8446					
		or 8447 (for example, spindles and spindle flyers, card clothing,					
		combs, extruding nipples, shuttles, healds and heald-frames,					
		hosiery needles):					
		Auxiliary machinery for machines of heading 8444, 8445,					
		8446 or 8447:					
3448.11.00	00	Dobbies and Jacquards; card reducing, copying,		_			
		punching or assembling machines for use therewith	X	Free		40%	
3448.19.00	00	Other	X	Free		40%	
3448.20		Parts and accessories of machines of heading 8444 or of					
		their auxiliary machinery:					
3448.20.10	00	Of machines for extruding or drawing man-made textile					
		filaments	X	3.7%	Free (A, AU, BH,	40%	
					CA, CL, CO, D, E,		
					IL, JO, KR, MA,		
					MX, OM, P, PA,		
					PE, SG)		
3448.20.50		Other		3 3%	Free (A, AU, BH,	40%	
770.20.50		01101		0.070	CA, CL, CO, D, E,	70 /0	
					IL, JO, KR, MA,		
					MX, OM, P, PA,		
					PE, SG)		
	10	Of texturing machines	Χ		, 55./		
		-					
	90	Other					
		Parts and accessories of machines of heading 8445 or of					
140 04 00	00	their auxiliary machinery: Card clothing	2	3.3%	Free (A, AU, BH,	45%	
3448.31.00	00	Card clotning	m	3.5 /6	CA, CL, CO, D, E,	45 /6	
					IL, JO, KR, MA,		
					MX, OM, P, PA,		
					PE, SG)		
3448.32.00					, 55,		
3448.32.00		Of machines for preparing textile fibers, other than				400/	
	10	card clothing Of cotton gins		Free		40%	
	10	Or collori giris	^				
	90	Other	X				
3448.33.00	00	Spindles, spindle flyers, spinning rings and ring					
		travellers	X	3.3%	Free (A, AU, BH,	40%	
					CA, CL, CO, D, E,		
					IL, JO, KR, MA,		
					MX, OM, P, PA,		
				ĺ	PE, SG)		
3448.39		Other:					
3448.39.10	00	Parts of spinning, doubling or twisting machines	X	Free		40%	
3448.39.50	00	Parts of winding or reeling machines	Χ	3.7%	Free (A, AU, BH,	40%	
	٦				CA, CL, CO, D, E,	/-	
				ĺ	IL, JO, KR, MA,		
					MX, OM, P, PA,		
				ĺ	PE, SG)		
3448.39.90	00	Other	Y	Free		40%	
440.55.50	00	Otrier	^	riee		40 %	
	ı			I	I	1	

84-60	Stat		Unit	T	Pates of Duty	
Heading/ Subheading	Stat. Suf-	Article Description	of		Rates of Duty 1	2
	fix		Quantity	General	Special	
8448 (con.)		Auxiliary machinery for use with machines of heading 8444, 8445, 8446 or 8447 (for example, dobbies, Jacquards, automatic stop motions and shuttle changing mechanisms); parts and accessories suitable for use solely or principally with the machines of this heading or of heading 8444, 8445, 8446 or 8447 (for example, spindles and spindle flyers, card clothing, combs, extruding nipples, shuttles, healds and heald-frames, hosiery needles): (con.)  Parts and accessories of weaving machines (looms) or of				
8448.42.00	00	their auxiliary machinery: Reeds for looms, healds and heald-frames	X	3.7%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
8448.49 8448.49.10	00	Other: Shuttles	X	3.7%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
8448.49.20 8448.51	00	Other		Free		40%
8448.51.10	00	Needles for knitting machines:  Latch needles	thousand	Free		\$2/1,000 + 60%
8448.51.20	00	Spring-beard needles	thousand	Free <u>1/</u>		\$1.50/1,000 <sub>1</sub> 50%
8448.51.30	00	Other				\$1.15/1,000 - 40%
8448.51.50 8448.59		Other Other: Parts of knitting machines				40%
8448.59.10						40%
8448.59.50 8449.00		Other  Machinery for the manufacture or finishing of felt or nonwovens in the piece or in shapes, including machinery for making felt hats; blocks for making hats; parts thereof:				40%
8449.00.10	00	Finishing machinery and parts thereof	X	2.6%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
8449.00.50	00	Other	X	Free		40%

Stat.		Unit		Rates of Duty	-
	Article Description		General	1 Special	2
TIX.	Household- or laundry-type washing machines, including machines which both wash and dry; parts thereof:  Machines, each of a dry linen capacity not exceeding	Quantity	General	Operial	
	10 kg: Fully automatic machines		1.4% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG)	35%
10	Coin operated	No.		0.4% (KR)	
40	· -				
80 00			2.6%	Free (A, AU, BH, CA, CL, CO, D, E,	40%
				MX, OM, P, PA, PE, SG)	
00	Other	No	1.8%	CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA,	35%
	Machines, each of a dry linen capacity exceeding 10 kg		1% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG)	35%
10	·	No.		0.3% (KH)	
40 80	Top Loading				
00	Parts:		2.6% <u>2/</u>	Free (A*, AU, BH, CA, CL, CO, D, E,	40%
				IL, JO, MA, MX, OM, P, PA, PE, SG) 0.7% (KR)	
00	Furniture designed to receive the machines of subheadings 8450.11 through 8450.20, inclusive	x	2.6%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG) 0.7% (KR)	40%
00	Other	No	2.6% <u>2/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG) 0.7% (KR)	40%
				IL, JO, MA, MX, OM, P, PA, PE, SG)	
	10 40 80 00 00 00	Article Description	Suffix     Article Description     of Quantity       Household- or laundry-type washing machines, including machines which both wash and dry; parts thereof:         Machines, each of a dry linen capacity not exceeding 10 kg:         Fully automatic machines	Suffix         Article Description         of Quantity         Image: Content of Quantity         <	Suffix   Article Description   Output   Special   Special

<sup>1/</sup> See 9903.45.01 and 9903.45.02. 2/ See 9903.45.05 and 9903.45.06.

Heading/	Stat.	Artiala Dagarintian	Unit		Rates of Duty	2
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
451		Machinery (other than machines of heading 8450) for washing, cleaning, wringing, drying, ironing, pressing (including fusing presses), bleaching, dyeing, dressing, finishing, coating or impregnating textile yarns, fabrics or made up textile articles and machines for applying the paste to the base fabric or other support used in the manufacture of floor coverings such as linoleum; machines for reeling, unreeling, folding, cutting or pinking textile fabrics; parts thereof:				
3451.10.00	00	Dry-cleaning machines  Drying machines:	No	Free <u>1/</u>		35%
451.21.00	10	Each of a dry linen capacity not exceeding 10 kg  Coin operated		3.4% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG) 1% (KR)	40%
		·				
3451.29.00	90	OtherOther		2.6% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG) 0.7% (KR)	40%
	10	For drying made up articles				
3451.30.00	90 00	OtherIroning machines and presses (including fusing		Fra. 4/		050/
		presses)		_		35%
3451.40.00		Washing, bleaching or dyeing machines		3.5% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
3451.50.00	00	Machines for reeling, unreeling, folding, cutting or pinking textile fabrics	No	<del></del>		40%
3451.80.00	00	Other machinery	No	3.5% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%

Heading/	Stat.	Article Description	Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
451 (con.)		Machinery (other than machines of heading 8450) for washing, cleaning, wringing, drying, ironing, pressing (including fusing presses), bleaching, dyeing, dressing, finishing, coating or impregnating textile yarns, fabrics or made up textile articles and machines for applying the paste to the base fabric or other support used in the manufacture of floor coverings such as linoleum; machines for reeling, unreeling, folding, cutting or pinking textile fabrics; parts thereof: (con.)	add my	General	ореска	
3451.90 3451.90.30	00	Parts: Drying chambers for the drying machines of subheading 8451.21 or 8451.29, and other parts of drying machines incorporating drying chambers	X	3.5% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG) 1% (KR)	40%
3451.90.60	00	Furniture designed to receive the drying machines of subheading 8451.21 or 8451.29	X	3.5% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
3451.90.90		Other		3.5% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG) 1% (KR)	40%
	10	Of machines for washing, dry-cleaning, ironing, pressing or drying made up textile articles or of other household or laundry type machines	Х		170 (141)	
	20	Of machines for bleaching, dyeing, washing or cleaning	X			
	90	Other	X			

	Stat.	Article Description	Unit		Rates of Duty	2
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
452		Sewing machines, other than book-sewing machines of				
		heading 8440; furniture, bases and covers specially designed				
450 40 00		for sewing machines; sewing machine needles; parts thereof:		_		000/
452.10.00	10	Sewing machines of the household type		Free		30%
	90	Other	No.			
450.01		Other sewing machines: Automatic units:				
452.21 452.21.10	00	Specially designed to join footwear soles to				
432.21.10	00	uppers	Nο	Free		Free
452.21.90	00	Other				
452.21.90	00	Other:	NO	riee		30%
452.29.10	00	Specially designed to join footwear soles to				
.02.200		uppers	No	Free		Free
452.29.90	00	Other				30%
	00	Sewing machine needles				42%
	- •					1 - 7 3
452.90		Furniture, bases and covers for sewing machines, and parts thereof; other parts of sewing machines:				
452.90.10	00	Furniture, bases and covers for sewing machines, and				
102.00.10	•			2.5%	Free (A, AU, BH,	20%
		'			CA, CL, CO, D, E,	
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	
452.90.20		Other parts of sewing machines		Free		30%
	10	Of household machines	X			
	90	Other	Χ			
3453		Machinery for preparing, tanning or working hides, skins or				
		leather or for making or repairing footwear or other articles of				
		hides, skins or leather, other than sewing machines; parts				
		thereof:				
3453.10.00	00	Machinery for preparing, tanning or working hides, skins		_		
		or leather				35%
3453.20.00	00	Machinery for making or repairing footwear	No	Free		Free
453.80.00	00	Other machinery	No	Free		35%
453.90		Parts:				
453.90.10	00	Of machinery for making or repairing footwear	X	Free		Free
	00	Other		Free		35%
100.06.00	JU	Ott IGI	Λ	1166		33%

	Stat.	Australia Decembration	Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
454	11/	Converters, ladles, ingot molds and casting machines, of a	Quantity	General	Оресіаі	
134		kind used in metallurgy or in metal foundries, and parts thereof:				
454.10.00	00		No	Free 1/		35%
	00			_		
454.20.00		Ingot molds and ladles		Free <u>2/</u>		35%
		Ingot molds:				
	10	For steel ingots				
			kg			
	60	Other	No.			
			kg			
	80	Ladles	kg			
454.30.00		Casting machines		Free <u>1/</u>		35%
	10	Die casting machines	No.			
	90	Other	No.			
454.90.00		Parts	_	Free 1/		35%
		Of casting machines:		<u> </u>		
	30	Of die casting machines	Χ		1	
		Other			1	
	60 70					
		Of ingot molds			1	
	80	Other	Χ			
455		Metal-rolling mills and rolls therefor; parts thereof:				
	00	Tube mills	No	Free 1/	1	30%
	- •			<u></u>		1 - 2 , 3
455 O1 OO	00	Other rolling mills: Hot or combination hot and cold	No	Fron 1/		200/
	00			_	1	30%
455.22.00	00	Cold				30%
455.30.00		Rolls for rolling mills		Free <u>1/</u>		30%
		Gray iron:				
	05	Not exceeding 2,268 kg				
			kg			
	15	Exceeding 2,268 kg but not exceeding				
		6,803.9 kg	No.			
			kg			
	25	Exceeding 6,803.9 kg	No			
	25	Exceeding 0,000.5 kg	kg			
		Cast steel:	ng .			
	35	Not exceeding 2,268 kg	No			
	00	110t 0x000ding 2,200 kg	kg			
	4-	Eveneding 0.000 km had and average	· · · · · ·		1	
	45	Exceeding 2,268 kg but not exceeding	Nia		1	
		6,803.9 kg	No.		1	
			kg		1	
	55	Exceeding 6,803.9 kg	No.		1	
			kg		1	
		Other:			1	
	65	Not exceeding 2,268 kg	_		1	
			kg		1	
	75	Exceeding 2,268 kg but not exceeding			1	
		6,803.9 kg	No.			
			kg		1	
	85	Exceeding 6,803.9 kg	No.		1	
	00	LACEBUING 0,000.3 Ng	kg			
455.90		Other parts:	'\9		1	
455.90.40	00	Castings or weldments, individually weighing less than			1	
.00.00.40	55	90 tons, for the machines of heading 8455		Free 3/	1	30%
455.00.55			•	_	1	
455.90.80	00	Other	kg	⊢ree <u>1/</u>	1	30%
					1	
					1	
				I	I	1

 $<sup>\</sup>frac{1}{2}$  See 9903.88.01.  $\frac{2}{2}$  See 9903.88.03.

<sup>3/</sup> See 9903.88.02.

	Article Description  Machine tools for working any material by removal of material, by laser or other light or photon beam, ultrasonic,	of Quantity	General	1 Special	2
	by laser or other light or photon beam, ultrasonic,	-		<del></del>	
	electro-discharge, electro-chemical, electron-beam, ionic-beam or plasma arc processes; water-jet cutting machines: Operated by laser:				
	For working metal		3.5% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%
10	•				
50		No.			
00	Of a kind used solely or principally for the manufacture of printed circuits, printed circuit assemblies, parts of heading 8517 or parts of	No	Fron 1/		30%
,	•		_	Free / A* All Dil	
00		NO	2.4% <u>  </u>	CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
			3.5% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA,	30%
				PE, SG)	
10	-				
50		No.			
00	Of a kind used solely or principally for the manufacture of printed circuits, printed circuit assemblies, parts of heading 8517 or parts of				
	·				30%
00		No	2.4% <u>1/</u>	Free (A*, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%
			3.5% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA,	30%
10	Numerically controlled	No.		rc, 5G)	
50	-				
00	Other	-	2.4% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
5 0 1 5 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Other: Other: Of a kind used solely or principally for the manufacture of printed circuits, printed circuit assemblies, parts of heading 8517 or parts of automatic data processing units Other: Operated by other light or photon beam processes: For working metal Other: Of a kind used solely or principally for the manufacture of printed circuits, printed circuit assemblies, parts of heading 8517 or parts of automatic data processing Other: Other	Other: Other: Of a kind used solely or principally for the manufacture of printed circuits, printed circuit assemblies, parts of heading 8517 or parts of automatic data processing units	Other: Other: Of a kind used solely or principally for the manufacture of printed circuits, printed circuit assemblies, parts of heading 8517 or parts of automatic data processing units	Numerically controlled

Heading/ Subheading	Stat.	* a t = % - 1 a	Unit Rates of Duty			1 2	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2	
4456 (con.)		Machine tools for working any material by removal of material, by laser or other light or photon beam, ultrasonic, electro-discharge, electro-chemical, electron-beam, ionic-beam or plasma arc processes; water-jet cutting machines: (con.)  Operated by electro-discharge processes:	Quantity	General	Special		
456.30.10		For working metal		3.5% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%	
	20 50	Traveling wire (wire-cut) type Other: Numerically controlled					
	70	Other					
3456.30.50	00	Other		2.4% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%	
3456.40 3456.40.10		Operated by plasma arc process: For working metal		3.5% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%	
	10	Numerically controlled	No.		1 L, 30)		
	90	Other					
3456.40.90	00	Other	No	2.2%` <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%	
456.50.00	00	Water-jet cutting machines	No	2.5% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG) 0.7% (KR)	35%	
3456.90 3456.90.31	00	Other: For working metal	No	3.5% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%	
3456.90.71	00	Other	No	2.2% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%	

	Stat.	Article Description	Unit		Rates of Duty	2
ubheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
57		Machining centers, unit construction machines (single station)	-		·	
		and multistation transfer machines, for working metal:			_ ,	
57.10.00		Machining centers		4.2% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E,	30%
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
	05	Used or rebuilt	No		PE, SG)	
	05		NO.			
		Other: With automatic tool changers				
		Vertical-spindle machines with a Y-axis travel				
		Of				
	15	Not over 660 mm				
	25	Over 660 mm	No.			
		Horizontal-spindle machines with a Y-axis travel of				
	55	Not over 685 mm	No.			
	60	Over 685 mm but not over 1,016 mm	No.			
	65	Over 1,016 mm				
	70	Other	No.			
	75	Other				
157.20.00		Unit construction machines (single station)		3.3% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E,	30%
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
	40				PE, SG)	
	10	Numerically controlled				
57.30.00	90	Other Multistation transfer machines		2.20/ 1/	Free /A ALL DLL	30%
+57.30.00		Multistation transfer machines		3.3% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E,	30%
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
	10	Numerically controlled	No		PE, SG)	
	90	-				
	90	Other	NO.			
			Ī		Ī	1

Heading/	Stat.	Art Book	Unit		Rates of Duty	-
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
458	IIX	Lathes (including turning centers) for removing metal:	Quantity	Gerierai	Оресіаі	
		Horizontal lathes:				
458.11.00		Numerically controlled		4.4% <u>1/</u>	Free (A, AU, BH,	30%
					CA, CL, CO, D, E, IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	
	05	Used or rebuilt	No.			
		Other:				
	10	Multiple spindle	No.			
	30	Other:				
	30	With a power rating of less than 18.65 kW	No.			
	50	With a power rating of 18.65 kW or greater				
	50	but not exceeding 37.3 kW				
	90	With a power rating exceeding 37.3 kW				
458.19.00		Other		4.4% 1/	Free (A, AU, BH,	30%
				_	CA, CL, CO, D, E,	
					IL, JO, KR, MA, MX, OM, P, PA,	
					PE, SG)	
	10	Used or rebuilt	No.		, ,	
	20	Other, valued under \$3,025 each	No.			
		Other:				
	30	Engine or toolroom lathes	No.			
		Automatic bar and/or chucking machines:				
	50	Single spindle	No.			
	70	Multiple spindle				
	90	Other	No.			
				•	•	

	Stat. Suf-	Article Description	Unit of		Rates of Duty 1	2
ubneading	fix	Atticle Description	Quantity	General	Special	- 2
458 (con.)		Lathes (including turning centers) for removing metal: (con.)				
458.91		Other lathes:  Numerically controlled:				
458.91.10		Vertical turret lathes		4.2% 1/	Free (A, AU, BH,	30%
					CA, CL, CO, D, E,	
					IL, JO, KR, MA,	
					MX, OM, P, PA, PE, SG)	
	40	Used or rebuilt	No.		1 2, 00)	
		Other:				
	60	Multiple spindle	No.			
	80	Other				
458.91.50		Other		4.4% <u>1/</u>	Free (A, AU, BH,	30%
					CA, CL, CO, D, E,	
					IL, JO, KR, MA, MX, OM, P, PA,	
					PE, SG)	
	40	Used or rebuilt	No.			
		Other:				
	50	Multiple spindle				
	70	Other	No.			
458.99 458.00.10		Other:  Vertical turret lathes		4.00/ 1/	Free /A ALL DLL	200/
458.99.10		vertical turret latries		4.2% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E,	30%
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
	10	Used or rebuilt	No		PE, SG)	
458.99.50	50	Other		4.4% 1/	Free (A, AU, BH,	30%
+50.55.50		Other	•••••	4.476 17	CA, CL, CO, D, E,	30 76
					IL, JO, KR, MA,	
					MX, OM, P, PA, PE, SG)	
	30	Used or rebuilt	No.		PE, 3G)	
	60	Other, valued under \$3,025 each				
	90	Other				
	90	Other	INO.			
				1		
				1		
				1		
				1		
				1		
				1		
				1		
				1		
	1			1		

O 1 1	Stat.	A of the Police of the	Unit		Rates of Duty	· -
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
3459		Machine tools (including way-type unit head machines) for	,	General.	<u> </u>	
		drilling, boring, milling, threading or tapping by removing metal,				
		other than lathes (including turning centers) of heading 8458:				
8459.10.00	00	Way-type unit head machines	No	3.3% <u>1/</u>	Free (A, AU, BH,	30%
					CA, CL, CO, D, E, IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	
		Other drilling machines:			·	
8459.21.00		Numerically controlled		4.2% 1/	Free (A, AU, BH,	30%
					CA, CL, CO, D, E,	
					IL, JO, KR, MA,	
					MX, OM, P, PA, PE, SG)	
	40	Used or rebuilt	No.		1 L, 50)	
	80	Other				
8459.29.00	00	Other		4.2% 2/	Free (A, AU, BH,	30%
				/5 <u>E/</u>	CA, CL, CO, D, E,	33 /3
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
	10	Used or rebuilt	No		PE, SG)	
	10					
	20	Other, valued under \$3,025 each	No.			
		Other:	<b>.</b>			
	40	Multiple spindle	No.			
	_	Other:	<b>.</b>			
	50		No.			
	70	Upright, excluding sensitive (hand-				
		directed), turret and deep-hole	<b>.</b>			
		machines				
	90	Other	No.			
8459.31.00		Other boring-milling machines: Numerically controlled		4.2% 1/	Free (A, AU, BH,	30%
5459.51.00		Numerically controlled		4.2% <u>1/</u>	CA, CL, CO, D, E,	30%
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
	0.5	l land av valaville			PE, SG)	
	05	Used or rebuilt	No.			
		Other:				
	10	Horizontal spindle Table type, excluding planer type	No			
	40 70	OtherOther				
8459.39.00	, 0	Other		4.2% 1/	Free (A, AU, BH,	30%
					CA, CL, CO, D, E,	
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
	10	Used or rebuilt	No		PE, SG)	
	20	Other, valued under \$3,025 each	INO.			
	40	Other:	N.			
	40	Horizontal spindle				
	50	Other	No.			
			Ī	I		I

<sup>1/</sup> See 9903.88.01. 2/ See 9903.88.03.

Heading/	Stat.	Article Description	Unit		Rates of Duty	2
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
459 (con.)		Machine tools (including way-type unit head machines) for drilling, boring, milling, threading or tapping by removing metal, other than lathes (including turning centers) of heading 8458: (con.)				
3459.41.00		Other boring machines:  Numerically controlled		4.2% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%
	10	Used or rebuilt	No.		1 2, 00)	
	20	Other, valued under \$3,025 each Other:	No.			
	30	Vertical	No.			
	90	Other	No.			
3459.49.00		Other		4.2% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%
	10	Used or rebuilt				
	20	Other, valued under \$3,025 each Other:	No.			
	30	Vertical	No.			
	90	Other	No.			
3459.51.00		Milling machines, knee type: Numerically controlled		1 20/ 1/	Free (A, AU, BH,	30%
	40	Used or rebuilt	No.		CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	
3459.59.00	80	Other		4.2% <u>2/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%
	10	Used or rebuilt	No.		1 2, 33)	
	20	Other, valued under \$3,025 each	No.			
	30	Other	No.			

I I I 1/ See 9903.88.01. 2/ See 9903.88.03.

Heading/	Stat.	Art B	Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
459 (con.)		Machine tools (including way-type unit head machines) for	Quartity	Gerierai	Оресіаі	
439 (6011.)		drilling, boring, milling, threading or tapping by removing metal,				
		other than lathes (including turning centers) of heading 8458:				
		(con.)				
		Other milling machines:				
3459.61.00		Numerically controlled		4.2% 1/	Free (A, AU, BH,	30%
		, , , , , , , , , , , , , , , , , , , ,			CA, CL, CO, D, E,	
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	
	40	Used or rebuilt	No.			
	80	Other	No.			
459.69.00		Other		4.2% 1/	Free (A, AU, BH,	30%
					CA, CL, CO, D, E,	
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	
	10	Used or rebuilt	No.			
	20	Other, valued under \$3,025 each	No.			
	- "					
	E0	Other:	No			
	50	Profile, duplicating or die sinking				
	70	Bed type	No.			
	90	Other	No.			
3459.70		Other threading or tapping machines:				
	00	Numerically controlled	No	4.2% 1/	Free (A, AU, BH,	30%
		,			CA, CL, CO, D, E,	
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	
3459.70.80		Other		4 2% 1/	Free (A, AU, BH,	30%
3 100.7 0.00		01101		1.270 <u>17</u>	CA, CL, CO, D, E,	0070
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	
	40	Used or rebuilt	No.		·	
	60	Other, valued under \$3,025 each	No			
	80	Other	No.			
	-	<b>-</b>		•		-

Heading/ Subheading	Stat. Suf-	Article Description	Unit of		Rates of Duty 1	2
Cabricading	fix	Antible Description	Quantity	General	Special	
3460		Machine tools for deburring, sharpening, grinding, honing, lapping, polishing or otherwise finishing metal or cermets by means of grinding stones, abrasives or polishing products, other than gear cutting, gear grinding or gear finishing machines of heading 8461:				
3460.12.00		Flat-surface grinding machines:  Numerically controlled		4.4% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%
	40	Used or rebuilt				
100 10 01	80	Other		4.40/4/	Francia All Dil	000/
460.19.01		Other		4.4% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%
	05	Used or rebuilt	No.		, ~ .,	
		Other:				
	10	Reciprocating-table type	No.			
	50	Other	No.			
460.22.00		Other grinding machines:  Centerless grinding machines, numerically controlled		4.49/ 1/	Free (A, AU, BH,	30%
		controlled		4.4 % <u>1/</u>	CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30 %
	40	Used or rebuilt	No.		,	
460.23.00	80	OtherOther cylindrical grinding machines, numerically controlled				
		controlled		4.4% <u>1/</u>	Free (A, AU, BH, CA, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%
	40	Used or rebuilt	No.			
	80	Other	-		_ ,	
460.24.00		Other, numerically controlled		4.4% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA,	30%
	05	Used or rebuilt	No		PE, SG)	
		Other:				
	10	External cylindrical, including universal	No.			
	30	Internal cylindrical				
	50	Other				
460.29.01		Other		4.4% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA,	30%
	OF.	Used or rebuilt	No		PE, SG)	
	05		No.			
	10	Other: External cylindrical, including universal	No			
		Internal cylindrical				
	30	Other				
	50	LITAC	1110		•	

Heading/	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
460 (con.)		Machine tools for deburring, sharpening, grinding, honing, lapping, polishing or otherwise finishing metal or cermets by means of grinding stones, abrasives or polishing products, other than gear cutting, gear grinding or gear finishing machines of heading 8461: (con.)  Sharpening (tool or cutter grinding) machines:		00.10101	opcola.	
460.31.00		Numerically controlled		4.4% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%
	40	Used or rebuilt				
	80	Other				
3460.39.00		Other		4.4% <u>2/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%
	10	Used or rebuilt				
	20	Other, valued under \$3,025 each				
0.400.40	50	Other	No.			
8460.40 8460.40.40		Honing or lapping machines:  Numerically controlled		4 4% 1/	Free (A, AU, BH,	30%
0400.40.40	10			4.470 <u>II</u>	CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30 70
	10	Used or rebuilt				
8460.40.80	60	Other	_	4.4% 1/	Froe /A ALL BH	30%
8460.40.80	10	Other		4.4% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%
	10	Used or rebuilt				
	20	Other, valued under \$3,025 each				
8460.90	80	Other:	No.			
8460.90.40		Numerically controlled		4.4% 1/	Free (A, AU, BH,	30%
				_	CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	
	10	Used or rebuilt	No.			
0.460.00.00	60	Other	No.	4.40/ -4./	Free (A. All Dil	000/
8460.90.80		Other		4.4% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%
	10	Used or rebuilt	No.		,	
	20	Other, valued under \$3,025 each	No.			
	80	Other	No.			

<sup>1/</sup> See 9903.88.01. 2/ See 9903.88.03.

Article Description	Unit		Rates of Duty	
Article Description	of Quantity	General	1 Special	2
achine tools for planing, shaping, slotting, broaching, gear titing, gear grinding or gear finishing, sawing, cutting-off and ner machine tools working by removing metal or cermets, telsewhere specified or included:				
Shaping or slotting machines:  Numerically controlled	No	4.4% 1/	Free (A, AU, BH,	30%
		_	CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30 76
Other		4.4% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%
Used or rebuilt	No.		, ,	
Other, valued under \$3,025 each	No.			
Other				
Broaching machines:			_ ,	
Numerically controlled		4.4% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%
Used or rebuilt				
Other	_	4.4% 1/	Free (A, AU, BH,	30%
Used or rebuilt Other, valued under \$3,025 each	No.		CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	
OtherGear cutting, gear grinding or gear finishing machines:	INO.			
Gear cutting machines		5.8% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
Used or rebuilt	No.			
Other: For bevel gears	No.			
Other:  Gear hobbers	No.			
Gear shapers				
Other				
Gear grinding or finishing machines		4.4% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA,	30%
Used or rebuilt	No.		PE, SG)	
	_			
	1,40.			
	No.			
<u> </u>				
	Other, valued under \$3,025 each Other: For bevel gears	Used or rebuilt	Other, valued under \$3,025 each	Used or rebuilt

Heading/	Stat.	A CL D	Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
3461 (con.)		Machine tools for planing, shaping, slotting, broaching, gear cutting, gear grinding or gear finishing, sawing, cutting-off and other machine tools working by removing metal or cermets, not elsewhere specified or included: (con.)	,	General	Орески	
3461.50 3461.50.40		Sawing or cutting-off machines:  Numerically controlled		4.4% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA,	30%
	10	Used or rebuilt			MX, OM, P, PA, PE, SG)	
461.50.80	50	OtherOther		4.4% <u>2/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA,	30%
	10 20	Used or rebuilt Other, valued under \$3,025 each	-		PE, SG)	
3461.90	90	OtherOther:	No.			
3461.90.30		Numerically controlled		4.4% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%
	20 40	Planing machines:  Used or rebuilt  Other				
	60	Other: Used or rebuilt	No.			
3461.90.60	80	OtherOther		4.4% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%
	10	Planing machines: Used or rebuilt				
	20 30	Other, valued under \$3,025 each Other:	No. No.			
	40 50		No. No.			
	90	Other				

<sup>1/</sup> See 9903.88.01. 2/ See 9903.88.03.

	Stat. Suf-	Article Description	Unit of		Rates of Duty	2
Subheading	fix	Afficie Description	or Quantity	General	1 Special	
3462 3462.10.00		Machine tools (including presses) for working metal by forging, hammering or die-stamping; machine tools (including presses) for working metal by bending, folding, straightening, flattening, shearing, punching or notching; presses for working metal or metal carbides, not specified above:  Forging or die-stamping machines (including presses) and				
		hammers		4.4% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%
	10	Used or rebuilt Other:	No.		. =, = =,	
	30	Headers and upsetters, including cold headers	No.			
	35	Mechanical transfer presses				
	55	Other				
	55	Bending, folding, straightening or flattening machines (including presses):				
8462.21.00	00	Numerically controlled		_	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%
3462.29.00		Other		4.4% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%
	10	Used or rebuilt	No.		, ,	
	20	Other, valued under \$3,025 each Other:	No.			
	30	Press brakes	No.			
	40	Bending rolls	No.			
	50	Other	No.			
0.400.04.00		Shearing machines (including presses), other than combined punching and shearing machines:		4.40/ 4/	- (A ALL BL	000/
8462.31.00		Numerically controlled		4.4% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%
	40	Used or rebuilt	No.			
0.400.05.55	80		No.		_ ,	
8462.39.00		Other		4.4% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%
	10	Used or rebuilt	No.		_,,,	
	20	Other, valued under \$3,025 each	No.			
	50	Other	No.			

I I I 1/ See 9903.88.01. 2/ See 9817.84.01 and 9903.88.01.

	Stat.	Article Description	Unit		Rates of Duty	2
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	
3462 (con.)		Machine tools (including presses) for working metal by forging, hammering or die-stamping; machine tools (including presses) for working metal by bending, folding, straightening, flattening, shearing, punching or notching; presses for working metal or metal carbides, not specified above: (con.)  Punching or notching machines (including presses),				
8462.41.00		including combined punching and shearing machines:  Numerically controlled		4.4% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%
	40	Used or rebuilt	_			
8462.49.00	80	OtherOther		4.4% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA,	30%
	10	Used or rebuilt	No		PE, SG)	
	20	Other, valued under \$3,025 each	-			
	50	Other				
	55	Other:	10.			
8462.91 8462.91.40		Hydraulic presses:  Numerically controlled		4.4% <u>2/</u>	Free (A, AU, BH, CA, CL, CO, D, E,	30%
					IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	
	30	Used or rebuilt				
8462.91.80	60	OtherOther		4.4% <u>2/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA,	30%
	30	Used or rebuilt	No		PE, SG)	
	90	Other	No.			
8462.99	90	Other:  Numerically controlled		4.40/ 0/	Fron (A. All Dil	30%
8462.99.40		Numerically controlled		4.4% <u>2/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%
	10	Used or rebuilt	No.		_, _, _,	
	30	Other	-			
8462.99.80		Other		4.4% <u>2/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%
	10	Used or rebuilt	No.		1 2, 30,	
	20	Other, valued under \$3,025 each	No.			
		Other:				
	45	Mechanical presses				
	60	Other	No	I		1

I I I 1// See 9817.84.01 and 9903.88.01. 2// See 9903.88.01.

	Stat. Suf-	Article Description	Unit of		Rates of Duty	2
Subheading	fix	Article Description	Quantity	General	1 Special	
3463		Other machine tools for working metal or cermets, without			·	
		removing material:				
3463.10.00		Draw-benches for bars, tubes, profiles, wire or the like		4.4% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E,	30%
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
	40	Used or rebuilt	No		PE, SG)	
	60	Other, valued under \$3,025 each	_			
3463.20.00	80	Other Thread rolling machines		4.4% 1/	Free (A, AU, BH,	30%
		· · · · · · · · · · · · · · · · · · ·		, <u></u>	CA, CL, CO, D, E,	0070
					IL, JO, KR, MA,	
					MX, OM, P, PA, PE, SG)	
	40	Used or rebuilt	No.		1 L, 30)	
	60	Other, valued under \$3,025 each				
	80	Other				
3463.30.00	00	Machines for working wire		4.4% <u>1/</u>	Free (A, AU, BH,	30%
				_	CA, CL, CO, D, E,	
					IL, JO, KR, MA, MX, OM, P, PA,	
					PE, SG)	
	40	Used or rebuilt	No.		,	
	60	Other, valued under \$3,025 each	No.			
	80	Other	No.			
3463.90.00		Other		4.4% <u>1/</u>	Free (A, AU, BH,	30%
					CA, CL, CO, D, E, IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	
	40	Used or rebuilt	-			
	60	Other, valued under \$3,025 each				
	80	Other	No.			
3464		Machine tools for working stone, ceramics, concrete,				
		asbestos-cement or like mineral materials or for cold working glass:				
3464.10.01		Sawing machines	No	Free <u>2/</u>		35%
3464.20.01		Grinding or polishing machines:		_	Free (A, AU, BH,	35%
					CA, CL, CO, D, E,	
					IL, JO, KR, MA,	
					MX, OM, P, PA, PE, SG)	
	10	Glass-working machines	No.		, ,	
	20	Other	No.			
3464.90.01		Other		2% <u>1/</u>	Free (A*, AU, BH,	35%
					CA, CL, CO, D, E, IL, JO, KR, MA,	
					MX, OM, P, PA,	
		0	l		PE, SG)	
	10	Glass-working machines				
	20	Other	No.			

I I I 1/ See 9903.88.01. 2/ See 9903.88.02.

Heading/	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
465	IIX.	Machine tools (including machines for nailing, stapling, glueing		General	Оресіаі	
1400		or otherwise assembling) for working wood, cork, bone, hard				
		rubber, hard plastics or similar hard materials:				
465.10.00		Machines which can carry out different types of machining				
5403.10.00		operations without tool change between such				
		operations without tool change between such		2.4% 1/	Free /A ALL DIL	250/
		operations		2.4% <u>1/</u>	Free (A, AU, BH,	35%
					CA, CL, CO, D, E,	
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
		Washing malina			PE, SG)	
		Woodworking machines:				
	٥.	Used or rebuilt:	١			
	05	Tenoners:	No.			
	15	Other	No.			
		Other:				
		Tenoners:				
	25	Numerically controlled	No			
	35	Other				
	45	Other	1			
	50	Other	No.			
3465.20		Machining centers:				
3465.20.10	00	For sawing, planing, milling, molding, grinding,				
		sanding, polishing, drilling or mortising	No	3% <u>2/</u>	Free (A, AU, BH,	35%
					CA, CL, CO, D, E,	
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	
140E 00 E0	00	For handing or accombine	 	0.00/ 0/	· ·	050/
3465.20.50	00	For bending or assembling	No	2.9% <u>2/</u>	Free (A, AU, BH,	35%
					CA, CL, CO, D, E,	
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	
3465.20.80	00	Other	No	24% 2/	Free (A, AU, BH,	35%
7100.20.00	00	Otrior	1.40	2.470 <u>27</u>	CA, CL, CO, D, E,	0070
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	
					PE, 3G)	
		1				
				Ī	1	Ī

<sup>1/</sup> See 9903.88.01. 2/ See 9903.88.03.

	Stat.	Article Dti	Unit		Rates of Duty	_
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
465 (con.)		Machine tools (including machines for nailing, stapling, glueing	•			
		or otherwise assembling) for working wood, cork, bone, hard				
		rubber, hard plastics or similar hard materials: (con.) Other:				
165.91.00		Sawing machines		3% 1/	Free (A, AU, BH,	35%
100.01.00		Gaving Had in Somming		0 70 <u>17</u>	CA, CL, CO, D, E,	0070
					IL, JO, KR, MA,	
					MX, OM, P, PA, PE, SG)	
		Woodworking machines:			1 L, 30)	
		Used or rebuilt:				
	02	Rip saws				
	06	Panel saws				
	12	Band saws	No.			
	16	Cross-cut and optimizing saws	No.			
	22	Other	No.			
	07	Other:				
	27	Sawmill machines	No.			
	32	Other:  Radial arm saws	No			
	36	Tilting arbor table saws				
	41	Rip saws				
		·				
	47	Miter saws				
	49	Scroll saws	No.			
	53	Panel saws:  Valued under \$3,000 each	No			
	58	Other Band saws:	INO.			
	64	Valued under \$1,000 each	No.			
	68	Other	No.			
	74	Cross-cut and optimizing saws				
	78	Other	No.			
	91	Other	No.			
						1

	Stat.	A 21 B 12	Unit		Rates of Duty	_
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
465 (con.)		Machine tools (including machines for nailing, stapling, glueing		General	Openia.	
, ,		or otherwise assembling) for working wood, cork, bone, hard				
		rubber, hard plastics or similar hard materials: (con.)				
		Other: (con.)				
465.92.00		Planing, milling or molding (by cutting) machines		3% <u>1/</u>	Free (A, AU, BH,	35%
					CA, CL, CO, D, E, IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	
		For woodworking:			, ,	
		Used or rebuilt				
	03	Moulders	No.			
	06	Routers	No.			
	16	Other	No.			
	. •	Other:	110.			
		Dovetailing machines:				
	26	Valued under \$3,000 each	No.			
	29	Other	No.			
	31	Moulders				
		Planers:				
	34	Valued under \$1,000 each	No.			
	37	Other	Nο			
	01	Jointers:	140.			
	42	Valued under \$1,000 each	No.			
	46	Other	No.			
		Routers:				
	51	Valued under \$3,000 each	No.			
		Other:				
	55	Numerically controlled	No.			
	58	Other	Nο			
		Shapers and profilers:	110.			
	62	Valued under \$1,000 each	No.			
	66	Other	No.			
	72	Other				
	91	Other				
465.93.00		Grinding, sanding or polishing machines		3% <u>1/</u>	Free (A, AU, BH,	35%
					CA, CL, CO, D, E,	
					IL, JO, KR, MA, MX, OM, P, PA,	
					PE, SG)	
		For woodworking:			1 2,00)	
		Used or rebuilt:				
	04	Belt sanders, for a belt width 60 cm or				
		wider	No.			
	12	Other	No.			
		Other:				
		Edge belt sanders:	<b> </b>			
	30	, ,	No.			
	45	Valued \$1,000 or over but under				
		\$3,000 each	No.			
	55		No.			
	65	Belt sanders, for a belt width 60 cm or	<b> </b>			
			_			
	75	Other				
	91	Other	No.			
			]	Ī	1	Ī

Suf- fix	Article Description  Machine tools (including machines for nailing, stapling, glueing or otherwise assembling) for working wood, cork, bone, hard rubber, hard plastics or similar hard materials: (con.)		General	Special	2
	or otherwise assembling) for working wood, cork, bone, hard rubber, hard plastics or similar hard materials: (con.)				
	Othor: (con )				
	Other: (con.)  Bending or assembling machines		2.9% <u>1/</u>	Free (A*, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
05	For woodworking: Used or rebuilt	No.			
15		No.			
25	Edgebanding machines	No.			
35	Laminating machines	No.			
	Presses:				
		_			
91	Other	No.			
			3% <u>2/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
05		No.			
10	Other	No.			
	Other:				
20		No.			
	Other:				
35	. ,				
45		No.			
55	· ·	No.			
60					
65		_			
91			2.4%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA,	35%
	For woodworking:			, i L, GG)	
15	- 1				
25					
	-				
40 51		_			
	25 35 45 55 65 91 05 10 20 35 45 55 60 65 91 15 25 30 40	Edgebanding machines	15	15	15   Doweling machines

<sup>1/</sup> See 9903.88.01. 2/ See 9903.88.02.

Subheading	Suf-	Article Description	of			
405 ()	fix	Attible Description	Quantity	General	1 Special	2
465 (con.)		Machine tools (including machines for nailing, stapling, glueing or otherwise assembling) for working wood, cork, bone, hard rubber, hard plastics or similar hard materials: (con.)  Other: (con.)		Gonordi	Ороски	
465.99.02		Other		2.4% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	10	Woodworking machines: Debarkers	No.		_, _, _,	
	20	Lathes				
	30 50	Other				
466		Parts and accessories suitable for use solely or principally with the machines of headings 8456 to 8465, including work or tool holders, self-opening dieheads, dividing heads and other special attachments for the machines; tool holders for any type of tool for working in the hand:				
466.10.01		Tool holders and self-opening dieheads:		3.9% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
	10	Tool holders for forming-type or cutting-type dies			1 2, 33)	
	30	Holders for replaceable cutting or drill inserts				
466.20	75	Work holders:	X			
466.20.10		For machine tools used in cutting gears		4.6% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
	10	Jigs and fixtures			, , , , ,	
466.20.80	90	OtherOther		3.7% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA,	35%
		For metalworking machine tools:			PE, SG)	
	20 35	Jigs and fixtures Other				
		Other work holders:				
	40 65	Jigs and fixtures Other				
	00	Ottlei	^			

Heading/	Stat.	Article Description	Unit		Rates of Duty	2
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	
466 (con.)		Parts and accessories suitable for use solely or principally with the machines of headings 8456 to 8465, including work or tool holders, self-opening dieheads, dividing heads and other special attachments for the machines; tool holders for any type of tool for working in the hand: (con.)				
3466.30		Dividing heads and other special attachments for machines:				
3466.30.10	00	Dividing heads	x	3.7% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Other special attachments:				
3466.30.60	10	Machines:		2.9% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	40	For woodworking machines				
3466.30.80	85 00	OtherOther		8% <u>2/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA,	45%
		Other:			PE, SG)	
3466.91 3466.91.10	00	For machines of heading 8464: Cast-iron parts not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues and risers or to permit location in finishing				
		machinery		Free <u>3/</u>		10%
3466.91.50	00	Other	X	Free 1/		35%
3466.92 3466.92.10	00	For machines of heading 8465: Cast-iron parts not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues and risers or to permit location in finishing				
		machinery		Free 1/		10%
3466.92.50		Other	_	_	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	10	Of woodworking machines	Х		1 2, 50)	
	90	Other	Х			

<sup>1/</sup> See 9903.88.01. 2/ See 9903.88.02. 3/ See 9903.88.03.

	Stat.	Antinto D. 111	Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
3466 (con.)		Parts and accessories suitable for use solely or principally with the machines of headings 8456 to 8465, including work or tool holders, self-opening dieheads, dividing heads and other special attachments for the machines; tool holders for any type of tool for working in the hand: (con.)  Other: (con.)				
3466.93 3466.93.11	00	For machines of headings 8456 to 8461:  For water-jet cutting machines	X	Free <u>1/</u>		35%
3466.93.15		Other:  Bed, base, table, head, tail, saddle, cradle, cross slide, column, arm, saw arm, wheelhead, tailstock, headstock, ram, frame, work-arbor support, and C-frame castings, weldments or fabrications:  Cast-iron parts not advanced beyond cleaning, and machined only for the				
		removal of fins, gates, sprues and risers or to permit location in finishing		F 0/		100/
	30	machinery  For metalworking machine tools for cutting, grinding or finishing gears	kg	Free <u>2/</u>		10%
	60	Other Other:	kg			
3466.93.30	00	Of metalworking machine tools for cutting gears	X	5.8% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA,	45%
466.93.53		Other		4.7% <u>1/</u>	PE, SG) Free (A, AU, BH, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE,	35%
	40	Of metalworking machine tools for grinding or finishing gears			SG)	
	85	Other	Х			

I I I 1/ See 9903.88.01. 2/ See 9903.88.03.

	Stat. Suf-	Article Description	Unit of		Rates of Duty 1	2
Cubileaulily	fix	Attible Description	Quantity	General	Special	
3466 (con.)		Parts and accessories suitable for use solely or principally with the machines of headings 8456 to 8465, including work or tool holders, self-opening dieheads, dividing heads and other special attachments for the machines; tool holders for any type of tool for working in the hand: (con.)				
3466.93 con.)		Other: (con.) For machines of headings 8456 to 8461: (con.) Other: (con.)				
3466.93.60		Other: Cast-iron parts not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues and risers or to permit location in finishing		<b>.</b>		400/
	30	machinery For metalworking machine tools for cutting, grinding or finishing gears		Free <u>1/</u>		10%
3466.93.75	60 00	OtherOther: Other: Of metalworking machine tools for	kg			
		cutting gears	X	5.8% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
3466.93.96	00	Other: Parts and accessories of machine tool of subheadings 8456.10, 8456.30, 8457.10, 8458.91, 8459.21, 8459.61 and 8461.50, of a kind used solely or principally for the manufacture of printed circuits, printed circuit assemblies, parts of heading 8517 or parts of automatic data processing machines		Free 1/		35%
3466.93.98		Other			Free (A, AU, BH, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE,	35%
	40	Of metalworking machine tools for grinding or finishing gears	X		SG)	
	85	Other	X			

Stat.	Austria Decembria	Unit		Rates of Duty	1 ^
Suf- fix	Article Description	of Quantity	General	1 Special	2
	holders, self-opening dieheads, dividing heads and other special attachments for the machines; tool holders for any type of tool for working in the hand: (con.)	,			
	For machines of heading 8462 or 8463: Cast-iron parts not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues and risers or to permit location in finishing				
00	Bed, base, table, column, cradle, frame, bolster, crown, slide, rod, tailstock and headstock castings, weldments or	ka	Free 1/		10%
00		-			10%
	Other: Bed, base, table, column, cradle, frame, bolster, crown, slide, rod, tailstock and	S	_		
			4.7% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA,	35%
40	Parts of mechanical transfer presses	X		PE, SG)	
85	I				
	Other:		4.7% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
40	Parts of mechanical transfer presses	Х		1 2, 33)	
85	Other	x			
	00 00 40 85	Suf- fix  Parts and accessories suitable for use solely or principally with the machines of headings 8456 to 8465, including work or tool holders, self-opening dieheads, dividing heads and other special attachments for the machines; tool holders for any type of tool for working in the hand: (con.)  Other: (con.)  For machines of heading 8462 or 8463:  Cast-iron parts not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues and risers or to permit location in finishing machinery:  Bed, base, table, column, cradle, frame, bolster, crown, slide, rod, tailstock and headstock castings, weldments or fabrications	Suf- fix  Parts and accessories suitable for use solely or principally with the machines of headings 8456 to 8465, including work or tool holders, self-opening dieheads, dividing heads and other special attachments for the machines; tool holders for any type of tool for working in the hand: (con.)  Other: (con.)  For machines of heading 8462 or 8463:  Cast-iron parts not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues and risers or to permit location in finishing machinery:  Bed, base, table, column, cradle, frame, bolster, crown, slide, rod, tailstock and headstock castings, weldments or fabrications	Suffix Article Description of Quantity  Parts and accessories suitable for use solely or principally with the machines of headings 8456 to 8465, including work or tool holders, self-opening dieheads, dividing heads and other special attachments for the machines; tool holders for any type of tool for working in the hand: (con.)  Other: (con.)  For machines of heading 8462 or 8463:  Cast-iron parts not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues and risers or to permit location in finishing machinery:  Bed, base, table, column, cradle, frame, bolster, crown, slide, rod, tailstock and headstock castings, weldments or fabrications	Suffix  Parts and accessories suitable for use solely or principally with the machines of headings 8456 to 8465, including work or tool holders, self-opening dieheads, dividing heads and other special attachments for the machines; tool holders for any type of tool for working in the hand: (con.)  Other: (con.)  For machines of heading 8462 or 8463:  Cast-iron parts not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues and risers or to permit location in finishing machinery:  Bed, base, table, column, cradle, frame, bolster, crown, slide, rod, tailstock and headstock castings, weldments or fabrications:  Bed, base, table, column, cradle, frame, bolster, crown, slide, rod, tailstock and headstock castings, weldments or fabrications:  Other:  Bed, base, table, column, cradle, frame, bolster, crown, slide, rod, tailstock and headstock castings, weldments or fabrications:  A:7% 1// Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)  Parts of mechanical transfer presses X  Other:

	Stat. Suf-	Article Description	Unit of		Rates of Duty 1	2
Juniteduitig	fix	Attiole Description	Quantity	General	Special	
467		Tools for working in the hand, pneumatic, hydraulic or with self-contained electric or nonelectric motor, and parts thereof: Pneumatic:				
467.11 467.11.10		Rotary type (including combined rotary-percussion): Suitable for metal working		4.5% <u>1/</u>	Free (A, AU, BH,	30%
					CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	
	40	Grinders, polishers and sanders	No.		, =, = =,	
	80	Other				
467.11.50	10	OtherRock drills		Free <u>1/</u>		27.5%
	20		No.			
	40	Wrenches, other than nut runners				
467.19	90	Other:Other:	No.			
	00	Suitable for metal working	No	4.5%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%
467.19.50		Other		Free <u>2/</u>		27.5%
	30	Pneumatic, hand-held force feed lubricating equipment	No			
	60					
	60	Designed for use in construction or mining Other				
	90	Otner	NO.			
						I

I I I 1/ See 9903.88.01. 2/ See 9903.88.03.

	Stat.	Autolo Documentos	Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
3467 (con.)		Tools for working in the hand, pneumatic, hydraulic or with			·	
		self-contained electric or nonelectric motor, and parts thereof:				
		(con.) With self-contained electric motor:				
3467.21.00		Drills of all kinds		1.7%	Free (A, AU, BH,	35%
					CA, CL, CO, D, E, IL, JO, KR, MA,	
					MX, OM, P, PA,	
		Rotary:			PE, SG)	
	10	Battery powered	No.			
		Other:				
	30	With a chuck capacity of less than				
			No.			
	50	Other				
3467.22.00	70	Other, including hammer drills		Free		35%
9407.22.00	20		 No.	riee		33%
	40	Chain				
	70	Reciprocating and jig	-			
3467.29.00	90	OtherOther	No.	Free		35%
J-TU1 .ZJ.UU		Grinders, polishers and sanders:		11100		JJ /6
	10	Angle grinders, sanders and polishers	No.			
	15	Orbital and straight-line sanders	No.			
		Other:				
	25	Belt sanders	No.			
	35	Other	No.			
	40	Screwdrivers, nut-runners and impact				
		wrenches	No.			
	55	Routers	No.			
	65	Planers	No.			
	70	Grass and weed trimmers/edgers	No.			
	80	Electropneumatic rotary and percussion				
		hammers	No.			
	85	Electric scissors	No.			
	90	Other	No.			
		Other tools:				
3467.81.00	00	Chain saws	No	Free		27.5%
8467.89	00	Other:		_		
8467.89.10	00	Suitable for metal working				30%
8467.89.50	30	Other		Free		27.5%
	30	Gasoline powered grass and weed trimmers and brushcutters	No.			
	60	Other, designed for use in agriculture or	140.			
	00	horticulture	No.			
	90		No.			
		<u> </u>	140.			
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				1		
				1		
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				1		

Heading/	Stat.	A 2 1 1 1 2 2 2 2	Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
467 (con.)		Tools for working in the hand, pneumatic, hydraulic or with self-contained electric or nonelectric motor, and parts thereof: (con.)  Parts:		Goriora	Сроски	
467.91.01	00	Of chain saws	Χ	Free		27.5%
467.92.00		Of pneumatic tools		Free		27.5%
407.92.00	50	Of pneumatic tools Of pneumatic, hand-held force feed lubricating equipment		1166		27.576
	90	Other				
467.99.01		Other		Free 1/		27.5%
	30	Of gasoline powered grass and weed trimmers and brushcutters	X	_		
	90	Other	Χ			
3468		Machinery and apparatus for soldering, brazing or welding, whether or not capable of cutting, other than those of heading 8515; gas-operated surface tempering machines and appliances; parts thereof:				
468.10.00	00	Hand-held blow torches	No	2.9%	Free (A*, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
3468.20		Other gas-operated machinery and apparatus:				
	00	Hand-directed or -controlled	No	3.9% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
3468.20.50	00	Other	No	Free 2/	, ,	27.5%
3468.80		Other machinery and apparatus:				
3468.80.10	00	Hand-directed or -controlled	No	2.9% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
3468.80.50	00	Other	No	Free 2/		27.5%
3468.90		Parts:				
468.90.10	00	Of hand-directed or -controlled machinery and	X	0.00/ 1/	Francia All Dil	450/
		apparatus	<b>X</b>	_	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
3468.90.50	00	Other	X	Free <u>1/</u>		27.5%

<sup>1/</sup> See 9903.88.03. 2/ See 9903.88.01.

Heading/	Stat.	Autilla Dannintin	Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
3470		Calculating machines and pocket-size data recording,	quarity	General	Орсска	
		reproducing and displaying machines with calculating functions;				
		accounting machines, postage-franking machines,				
		ticket-issuing machines and similar machines, incorporating				
		a calculating device; cash registers:				
3470.10.00		Electronic calculators capable of operation without an				
		external source of electric power and pocket-size data				
		recording, reproducing and displaying machines with		<b>5</b> 47		050/
	40	calculating functions		Free <u>1/</u>		35%
	40	Display only				
	60	Other	No.			
		Other electronic calculating machines:				
3470.21.00	00	Incorporating a printing device	No	Free <u>1/</u>		35%
3470.29.00	00	Other	No	Free 1/		35%
3470.30.00	00	Other calculating machines	No	Free 1/		35%
3470.50.00		Cash registers				35%
3470.30.00	20	Point-of-sale terminals		1166		33 /6
=	60	Other				252/
8470.90.01		Other		Free <u>1/</u>		35%
	10	Postage-franking machines	No.			
	90	Other	No.			
8471		Automatic data processing machines and units thereof;				
5 17 1		magnetic or optical readers, machines for transcribing data				
		onto data media in coded form and machines for processing				
		such data, not elsewhere specified or included:				
8471.30.01	00	Portable automatic data processing machines, weighing				
		not more than 10 kg, consisting of at least a central				
		processing unit, a keyboard and a display	No	Free		35%
		Other automatic data processing machines:				
8471.41.01		Comprising in the same housing at least a central				
		processing unit and an input and output unit, whether				
		or not combined		Free		35%
	10	With cathode-ray tube (CRT)				
	50	Other	No			
8471.49.00	00	Other, entered in the form of systems		Free		35%
8471.50.01	00	Processing units other than those of subheading 8471.41	140	11100		00 70
		or 8471.49, whether or not containing in the same housing				
		one or two of the following types of unit: storage units, input				
		units, output units		Free <u>1/</u>		35%
	10	With cathode-ray tube (CRT)		_		
	50	Other	No			
			. 10.			
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	0	Australia December 1	Unit		Rates of Duty	_ ^
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
471 (con.)		Automatic data processing machines and units thereof;		Conordi	Ороски	
( )		magnetic or optical readers, machines for transcribing data				
		onto data media in coded form and machines for processing				
		such data, not elsewhere specified or included: (con.)				
471.60		Input or output units, whether or not containing storage				
471 60 10		units in the same housing:		Fron 1/		250/
471.60.10	10	Combined input/output units		Free <u>17</u>		35%
	50	Other	No.			
471.60.20	00	Other: Keyboards	No	Free		35%
471.60.70		Units suitable for physical incorporation into				0070
47 1.00.70	00	automatic data processing machines or units				
		thereof	No	Free 1/		35%
471.60.80	00	Optical scanners and magnetic ink recognition		<u></u>		
471.00.00	00	devices	No	Free		35%
474 00 00						
471.60.90	30	OtherCard key and magnetic media entry		Free <u>1/</u>		35%
	30	devices	No			
	50	Other	No.			
471.70		Storage units:  Magnetic disk drive units:				
		For a disk of a diameter exceeding 21 cm:				
471.70.10	00	Without read-write unit assembled therein;				
		read-write units entered separately	No	Free 1/		35%
471.70.20	00	Units for physical incorporation into automatic				
		data processing machines or units thereof		Free 1/		35%
3471.70.30	٥٥	Other	No	_		35%
471.70.50	00	Other:	140	1100 <u>27</u>		33 76
3471.70.40		Not assembled in cabinets, and without				
		attached external power supply		Free <u>2/</u>		35%
	35	Flexible (floppy) magnetic disk drive				
		units	No.			
	65	Hard magnetic disk drive units	No.			
	95	Other	No.			
471.70.50		Other		Free 1/		35%
	35	Flexible (floppy) magnetic disk drive		_		
		units	No.			
	65	Hard magnetic disk drive units	No.			
	95	Other				
	00	Other storage units:	140.			
471.70.60	00	Not assembled in cabinets for placing on a table,				
		desk, wall, floor or similar place	No	Free <u>2/</u>		35%
471.70.90	00	Other	No	Free 2/		35%
471.80		Other units of automatic data processing machines:		_		
471.80.10	00	Control or adapter units	No	Free <u>1/</u>		35%
		Other:				
471.80.40	00	Units suitable for physical incorporation into				
		automatic data processing machines	No	Free <u>1/</u>		35%
471.80.90	00	Other	No			35%
471.90.00	00	Other	No	Free <u>1/</u>		35%
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<sup>1/</sup> See 9903.88.03. 2/ See 9903.88.01.

	Stat.	Auticle Description	Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
3472		Other office machines (for example, hectograph or stencil duplicating machines, addressing machines, automatic banknote dispensers, coin-sorting machines, coin-counting or wrapping machines, pencil-sharpening machines, perforating or stapling machines):			op.com	
3472.10.00	00	Duplicating machines	No	Free <u>1/</u>		25%
3472.30.00	00	Machines for sorting or folding mail or for inserting mail in envelopes or bands, machines for opening, closing or sealing mail and machines for affixing or canceling postage				
		stamps	No	11.8% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
3472.90		Other:				
3472.90.05	00	Addressing machines and address plate embossing machines	No	Eroo 1/		25%
2472 00 10	00	Automatic teller machines		_		
3472.90.10				_		35%
3472.90.40		Pencil sharpeners		ree		40%
3472.90.50	UU	Typewriters other than printers of heading 8443; word processing machines	No	Free		35%
3472.90.60	00	Numbering, dating and check-writing machines				25%
3472.90.90		Other		_		35%
717 2.00.00	40	Desktop note counters and note scanners		1100 <u>17</u>		0070
	60	Other currency and coin handling machines	No.			
	80		No.			

Subboading	Stat. Suf-	Article Description	Unit of		Rates of Duty 1	2
Subheading	fix	Article Description	Quantity	General	Special	·
473		Parts and accessories (other than covers, carrying cases and			· ·	
		the like) suitable for use solely or principally with machines of				
		headings 8470 to 8472:				
		Parts and accessories of the machines of heading 8470:				
473.21.00	00	Of the electronic calculating machines of subheading				
		8470.10, 8470.21 or 8470.29		_		35%
473.29.00	00	Other	X	Free 1/		35%
473.30		Parts and accessories of the machines of heading 8471:				
		Not incorporating a cathode ray tube:				
473.30.11		Printed circuit assemblies		Free <u>1/</u>		35%
	40	Memory modules suitable for use solely or				
		principally with machines of heading 8471	No.			
	80	Other	Χ			
473.30.20	00	Parts and accessories, including face plates and				
		lock latches, of printed circuit assemblies	X	Free 2/		35%
473.30.51	00	Other	X	Free 1/		35%
	00	Other				35%
473.40	J <b>J</b>	Parts and accessories of the machines of heading 8472:		· · ·		/
473.40.10	00	Printed circuit assemblies for automatic teller machines				
		of subheading 8472.90.10	X	Free 2/		35%
3473.40.21	იი	Printed circuit assemblies of word processing		_		
., 5.40.21	55	machines of 8472.90.50	X	Free 1/		45%
470 40 44	00			· · · · · · · · · · · · · · · · · · ·		.5 /5
473.40.41	00	Other parts and accessories of the machines of 8472.90.50	V	00/ 1/	Free /A ALL DIL	450/
		0472.90.50	λ	2% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E,	45%
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	
172 10 06	00	Other	V	Fran 0/		050/
473.40.86 473.50	00	Parts and accessories equally suitable for use with	X	Free <u>2/</u>		35%
473.30		machines of two or more of the headings 8470 to 8472:				
473.50.30	00	Printed circuit assemblies	X	Free 2/		35%
				1100 <u>27</u>		00 70
473.50.60	00	Parts and accessories, including face plates and lock	V	Fran 2/		050/
		latches, of printed circuit assemblies				35%
473.50.90	00	Other	X	Free <u>3/</u>		35%
				Ī	1	1

<sup>1/</sup> See 9903.88.03. 2/ See 9903.88.01. 3/ See 9903.88.02.

	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
474	IIX	Machinery for sorting, screening, separating, washing,	Quantity	General	Special	
777		crushing, grinding, mixing or kneading earth, stone, ores or				
		other mineral substances, in solid (including powder or paste)				
		form; machinery for agglomerating, shaping or molding solid				
		mineral fuels, ceramic paste, unhardened cements, plastering				
		materials or other mineral products in powder or paste form;				
		machines for forming foundry molds of sand; parts thereof:				
8474.10.00		Sorting, screening, separating or washing machines		Free <u>1/</u>		35%
	10	Portable	No.			
	90	Stationary	No			
3474.20.00	00	Crushing or grinding machines		Free 1/		35%
	10	Portable		1100 <u>17</u>		0070
	50	Stationary: Crushing	No			
	50	_				
	70		No.			
		Mixing or kneading machines:				
3474.31.00	00	Concrete or mortar mixers	No	⊢ree <u>1/</u>		35%
8474.32.00	00	Machines for mixing mineral substances with				
		bitumen	No	Free <u>1</u> /		35%
8474.39.00	nn	Other		_	1	35%
3474.39.00 3474.80.00	JU	Other machinery				35%
5474.00.00		For agglomerating, shaping or molding solid mineral		1166 <u>17</u>		33 78
		fuels, ceramic paste, unhardened cements, plastering				
		materials or other mineral products in powder or paste				
		form:				
	10	Designed for use with ceramic paste, unhardened				
		cements and plastering materials				
	15	Other				
	20	Machines for forming foundry molds of sand				
		9 .				
	80	Other				
8474.90.00		Parts		Free <u>1/</u>		35%
	10	Of sorting, screening, separating or washing	v			
		machines	Х			
	20	Of crushing or grinding machines	X			
	50	Of mixing or kneading machines				
	90	Other	Х		1	
8475		Machines for assembling electric or electronic lamps, tubes				1
		or flashbulbs, in glass envelopes; machines for manufacturing				
		or hot working glass or glassware; parts thereof:			1	
8475.10.00	00	Machines for assembling electric or electronic lamps, tubes		<u>_</u>		
		or flashbulbs, in glass envelopes	No	⊢ree <u>1/</u>	1	35%
		Machines for manufacturing or hot working glass or				1
		glassware:				
8475.21.00	00	Machines for making optical fibers and preforms			1	
		thereof	No	Free <u>1/</u>		35%
8475.29.00	00	Other	No	Free 2/	1	35%
8475.90		Parts:		_		1
8475.90.10	00	Of machines for assembling electric or electronic				
		lamps, tubes or flashbulbs, in glass envelopes	X	Free <u>1/</u>	1	35%
8475.90.90	იი	Other	Χ	Free 1/		35%
	-			. 100 <u>1/</u>	1	3370
						1
					1	
						1
					1	

<sup>1/</sup> See 9903.88.01. 2/ See 9903.88.02.

Article Description  Automatic goods-vending machines (for example, postage stamp, cigarette, food or beverage machines), including money-changing machines; parts thereof: Automatic beverage-vending machines: Incorporating heating or refrigerating devices Other	of Quantity	General	1 Special	2
stamp, cigarette, food or beverage machines), including money-changing machines; parts thereof: Automatic beverage-vending machines: Incorporating heating or refrigerating devices	No			
Other	No			
				35%
		_		35%
Incorporating heating or refrigerating devices		· <del></del> '		35%
Other Parts				35% 35%
Machinery for working rubber or plastics or for the manufacture of products from these materials, not specified or included elsewhere in this chapter; parts thereof:  Injection-molding machines:		F 0/		Fuee
_				Free
				35%
		3.1% <u>2/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
Of a type used for processing rubber or other thermosetting materials	No.			
Of a type used for processing thermoplastics: With a clamp force less than 50 tons	No.			
With a clamp force equal to or greater than 50 tons and less than 300 tons	No.			
With a clamp force equal to or greater than 300 tons and less than 750 tons	No.			
		3.1% <u>2/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
thermosetting materials:	No.			
Other, including multiple screw Of a type used for processing thermoplastics: Single screw, with a screw size:	No.			
	_			
Other, including multiple screw:				
		3.1% 2/	Free (A. AU. BH.	35%
		6 % <u>s</u>	CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	0070
	elsewhere in this chapter; parts thereof: Injection-molding machines: For manufacturing shoes	elsewhere in this chapter; parts thereof: Injection-molding machines: For manufacturing shoes	elsewhere in this chapter; parts thereof: Injection-molding machines: For use in the manufacture of optical media	elsewhere in this chapter; parts thereof: Injection-molding machines: For manufacturing shoes

I I I 1/ See 9903.88.03. 2/ See 9903.88.01.

Heading/	Stat.	Autilla Description	Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
3477 (con.)		Machinery for working rubber or plastics or for the manufacture of products from these materials, not specified or included elsewhere in this chapter; parts thereof: (con.)	,		,,,,,,	
3477.40.01	00	Vacuum-molding machines and other thermoforming machines	No	3.1% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
3477.51.00		Other machinery for molding or otherwise forming: For molding or retreading pneumatic tires or for molding or otherwise forming inner tubes		3.1% <u>1/</u>	Free (A*, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	10	For molding or retreading pneumatic tires	No.		1 2, 00)	
	90	Other				
8477.59.01	00	Other	No	3.1% <u>2/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
3477.80.00	00	Other machinery	No	3.1% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
3477.90 3477.90.25		Parts: Base, bed, platen, clamp cylinder, ram, and injection castings, weldments and fabrications:		3.1% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	40	Of machines of subheading 8477.10.30,			1 L, 3G)	
		8477.10.40 or 8477.10.90				
8477.90.45	80	OtherBarrel screws		2 10/ 1/	Free (A, AU, BH,	35%
			<b>^</b>	3.1 % <u>1/</u>	CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	33 %
3477.90.65	00	Hydraulic assemblies incorporating more than one of the following: manifold; valves; pump; oil cooler	X	3.1% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8477.90.85		Other		3.1% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	01	Of injection-molding machines			,	
	20	Of extruders				
	30	Of blow-molding machines	Χ			
		or store more and more and an arrangement of the store and arrangement of the store and arrangement of the store and arrangement of the store are a store a store are a store are a store a store a store are a st				
	40	Of machines for forming pneumatic tires  Other parts	Х			

<sup>1/</sup> See 9903.88.01. 2/ See 9903.88.03.

3	Stat. Suf-	Article Description	Unit of		Rates of Duty	2
Subheading	fix	Afficie Description	or Quantity	General	1 Special	_ ′
478		Machinery for preparing or making up tobacco, not specified			·	
.==		or included elsewhere in this chapter; parts thereof:		_		
478.10.00	10	MachineryIndustrial cigarette-making machines		Free		35%
478.90.00	90	Other		Free		050/
476.90.00	10	Parts of industrial cigarette-making machines		Free		35%
	90	Other				
	90		<b>X</b>			
479		Machines and mechanical appliances having individual functions, not specified or included elsewhere in this chapter;				
		parts thereof:				
479.10.00		Machinery for public works, building or the like		Free 1/		35%
		Concrete and bituminous pavers, finishers and		_		
		spreaders:				
	40	For concrete				
	60	For bituminous material				
	80	Other	No.			
479.20.00	00	Machinery for the extraction or preparation of animal or fixed vegetable fats or oils	No	Eroo 1/		35%
		_	110			35%
479.30.00	00	Presses for the manufacture of particle board or fiber building board of wood or other ligneous materials and				
		other machinery for treating wood or cork	No	Free 1/		35%
470 40 00	00	Rope or cable-making machines		<del></del>		35%
479.40.00		-				
479.50.00	00	Industrial robots, not elsewhere specified or included	No	2.5% <u>1/</u>	Free (A, AU, BH,	35%
					CA, CL, CO, D, E, IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	
479.60.00	00	Evaporative air coolers	Νο	2.8% 2/	Free (A, AU, BH,	40%
					CA, CL, CO, D, E,	,
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	
470 74 00	00	Passenger boarding bridges:		<b>5</b> 0/		050/
479.71.00		Of a kind used in airports		_		35%
479.79.00	00	Other	No	Free		35%
				Ī	1	

I I I 1/ See 9903.88.01. 2/ See 9903.88.03.

Heading/	Stat.	Anti-la D	Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
3479 (con.)		Machines and mechanical appliances having individual functions, not specified or included elsewhere in this chapter; parts thereof: (con.)  Other machines and mechanical appliances:		Gonordi	Сроски	
3479.81.00	00	For treating metal, including electric wire coil-winders	No	Free <u>1/</u>		35%
8479.82.00	40	Mixing, kneading, crushing, grinding, screening, sifting, homogenizing, emulsifying or stirring machines		Free <u>1/</u>		35%
	40	Mixing, kneading or stirring machines				
8479.89	80	Other Other: Electromechanical appliances with self-contained electric motor:				
8479.89.10	00	Air humidifiers or dehumidifiers	No	Free <u>2/</u>		40%
8479.89.20	00	Floor polishers	No	Free <u>2/</u>		35%
8479.89.55	00	Trash compactors	No	2.8%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
8479.89.65	00	Other	X	2.8%	Free (A, AU, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG) 3/	40%
8479.89.70	00	Carpet sweepers	No	Free <u>2/</u>	1 L, OG/ <u>5/</u>	35%
8479.89.83	00	Machines for the manufacturing of optical				
			No	Free <u>1/</u>		35%
8479.89.92	00	Automated electronic component placement machines of a kind used solely or principally for the manufacture of printed circuit assemblies	No	Free 1/		35%
8479.89.94		Other		_	Free (A*, AU, BH, C, CA, CL, CO, E, IL, JO, MA, MX, OM, P, PA, PE, SG) 0.7% (KR)	35%
	50	Oil and gas field wireline and downhole equipment	No.		0.770 (N. 1.)	
	60	Automotive maintenance machines	No.			
	65	Hydraulic accumulators	No.			
	85	Ultrasonic cleaning devices				
	95	Industrial vibrators				
	96	Tow behind sweepers				
	99	Other				
	99	Otner	No.			

<sup>1 1/</sup> See 9903.88.01.

<sup>7/</sup> See 3903.06.01.
2/ See 9903.88.03.
3/ See additional U.S. note 1 to this chapter.
4/ See 9817.84.01 and 9903.88.03.

Heading/ Subheading	Stat. Suf-	Article Description	Unit of		Rates of Duty	2
Subneading	fix	Article Description	Of Quantity	General	1 Special	-
479 (con.)		Machines and mechanical appliances having individual functions, not specified or included elsewhere in this chapter; parts thereof: (con.)			·	
479.90 479.90.41	00	Parts: Of articles of subheading 8479.89.10 or 8479.89.70	X	Free		35%
479.90.45	00	Of trash compactors: Frame assemblies incorporating more than one of the following: baseplate; side frames; power screws; front plates		Free		35%
479.90.55	00	Ram assemblies incorporating a ram wrapper and/or ram cover				35%
3479.90.65	00	Container assemblies incorporating more than one of the following: container bottom; container wrapper; slide track; container front		Free		35%
3479.90.75	00	Cabinets or cases				35%
3479.90.75 3479.90.85	00	Other				35%
479.90.65	00	Other		Free <u>1/</u>		35%
	40	Of industrial robots		_		
	50	Other: Of machinery for public works, building or the like				
	60	Of presses for the manufacture of particle board or fiber building board of wood or other ligneous materials and other machinery for treating wood or cork				
	65	Of machines or mechanical appliances for treating metal				
	96	Other				

Heading/	Stat.	Autilla Description	Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
480		Molding boxes for metal foundry; mold bases; molding patterns; molds for metal (other than ingot molds), metal carbides, glass, mineral materials, rubber or plastics:	,		Opena.	
480.10.00	00	Molding boxes for metal foundry	No	3.8% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
480.20.00	00	Mold bases	No	3.4% <u>2/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	50%
480.30.00	00	Molding patterns	No	2.8% <u>2/</u>	Free (A*, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	50%
480.41.00	00	Molds for metal or metal carbides: Injection or compression types	No	3.1% <u>2/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
480.49.00	10	Other types		3.1% <u>2/</u>	Free (A*, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
3480.50.00	90	Molds for centrifugal casting of ductile iron pipe Other Molds for glass	No.	Free <u>2/</u>		35%
3480.60.00	10 90	Injection or compression types  Other types  Molds for mineral materials	No.	Free		35%
	10 90	Injection or compression types Other types	No. No.			

<sup>1/</sup> See 9903.88.03. 2/ See 9903.88.01.

	Stat. Suf-	Article Description	Unit of		Rates of Duty 1	2
Subrieading	fix	Afticle Description	of Quantity	General	1 Special	
3480 (con.)		Molding boxes for metal foundry; mold bases; molding patterns; molds for metal (other than ingot molds), metal carbides, glass, mineral materials, rubber or plastics: (con.)  Molds for rubber or plastics:				
480.71	00	Injection or compression types:	NI -	F 4/		F
480.71.10		For shoe machinery		<del></del>		Free
3480.71.40	00	For the manufacture of semiconductor devices				Free
480.71.80	20	Other  Temporarily imported for testing, calibration,		3.1% <u>1/</u>	Free (A*, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	20	examination, repair or alteration; returned after being exported for testing, calibration, examination, repair or alteration	No.			
		Other:	110.			
	45	Injection type	No.			
	60	Compression type				
480.79	55	Other types:				
480.79.10	00	Molds for shoe machinery	No	Free <u>2/</u>		Free
480.79.90		Other		3.1% <u>2/</u>	Free (A*, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA,	35%
					MX, OM, P, PA,	
	10	Blow molds	No.		PE, SG)	
	20	Bladder operated molds				
		Other molds				
	90	Other moids	No.			
					1	I

I I I 1/ See 9903.88.01. 2/ See 9903.88.03.

	Stat.	Autolo Donomination	Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
481	IIX	Taps, cocks, valves and similar appliances, for pipes, boiler	Quantity	Gerierai	Оресіаі	
101		shells, tanks, vats or the like, including pressure-reducing				
		valves and thermostatically controlled valves; parts thereof:				
481.10.00		Pressure-reducing valves		2% 1/	Free (A, AU, B, BH,	35%
		3			CA, CL, CO, D, E,	
					IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	
	20	Hydraulic fluid power type	No.			
			kg			
		Pneumatic fluid power type:				
	40	Filter-regulators and filter-regulator-lubricators	No.			
	. •	The regulation and money and money and money and money are a second and money are a second and a second a second and a second a second and a second	kg			
	60	Othor	_			
	60	Other	No.			
	90	Other	kg			
	90	Other				
3481.20.00		Valvos for alcohydraulia or phoumatic transmissions	kg	20/ 1/	Fron (A All D Di	250/
) <del>4</del> 01.∠U.UU		Valves for oleohydraulic or pneumatic transmissions		∠% <u>I/</u>	Free (A, AU, B, BH,	35%
					CA, CL, CO, D, E, IL, JO, KR, MA,	
					MX, OM, P, PA,	
					PE, SG)	
		Hydraulic valves:			1 L, 3U)	
		Directional control				
	10	Manual type	No			
		Wardar typo	kg			
			Ŭ			
	20	Solenoid type				
			kg			
	30	Other				
			kg			
	40	Flow control type				
			kg			
	50	Other	No.			
			kg			
		Other:				
		Directional control:				
	60	Solenoid type				
			kg			
	70	Other	No.			
			kg			
	80	Other	No.			
	•		kg			
				I	i	1

Heading/	Stat.	Article Description	Unit		Rates of Duty	2
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	1 2
181 (con.)		Taps, cocks, valves and similar appliances, for pipes, boiler shells, tanks, vats or the like, including pressure-reducing valves and thermostatically controlled valves; parts thereof: (con.)				
481.30 481.30.10		Check (nonreturn) valves: Of copper		3% <u>1/</u>	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
	10	Having a pressure rating under 850 kPa	kg			
404 00 00	90	Having a pressure rating of 850 kPa or over	kg	504 04	E (At AU B BU	450/
481.30.20		Of iron or steel		5% <u>2/</u>	Free (A*, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
	10	Of iron	No. kg		,	
	90	Of steel	No. kg			
481.30.90	00	Other	No	3% <u>2/</u>	Free (A, AU, B, BH,	45%
			kg		CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	
481.40.00	00	Safety or relief valves	Nokg	2% <u>2/</u>	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%

<sup>1/</sup> See 9903.88.03. 2/ See 9903.88.01.

	Stat.	Audito Description	Unit		Rates of Duty	_
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
481 (con.)		Taps, cocks, valves and similar appliances, for pipes, boiler shells, tanks, vats or the like, including pressure-reducing valves and thermostatically controlled valves; parts thereof:			5,5000	
481.80		(con.) Other appliances: Hand operated:				
481.80.10		Of copper		4% <u>1/</u>	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	47%
	20	Having a pressure rating under 850 kPa: Bath and shower faucets	No. kg			
	30	Sink and lavatory faucets	No. kg			
	40	Supply stops	_			
	50	Other	No. kg			
	60	Having a pressure rating of 850 kPa or over: Gate type	No. kg			
	70	Globe type	No. kg			
	75	Plug type	No. kg			
	85	Ball type	kg			
	90	Butterfly type	kg			
	95	Other	No. kg			

Heading/	Stat.	Article Description	Unit		Rates of Duty	2
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
481 (con.)		Taps, cocks, valves and similar appliances, for pipes, boiler shells, tanks, vats or the like, including pressure-reducing valves and thermostatically controlled valves; parts thereof: (con.)				
3481.80 con.)		Other appliances: (con.)				
3481.80.30		Hand operated: (con.) Of iron or steel		5.6% 1/	Free (A*, AU, B, BH,	45%
				_	CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	
	10	Of iron: Gate type	No.			
			kg			
	15	Globe type	No. kg			
	20	Plug type	No. kg			
	25	Ball type	_			
	30	Butterfly type	kg			
	30	виценту туре	kg			
	40	Other	No. kg			
	55	Of steel: Gate type	No.			
	33	Gate type	kg			
	60	Globe type	No. kg			
	65	Plug type	No.			
	70	Ball type	kg No.			
	7.		kg			
	75	Butterfly type	No. kg			
	90	Other	No. kg			
3481.80.50		Of other materials		3% <u>1/</u>	Free (A, AU, B, BH,	45%
					CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA,	
	40	Pressure spray can valves	No.		PE, SG)	
	60	Bath, shower, sink and lavatory faucets	kg No. kg			
	90	Other	No.			
			kg			

Heading/	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Charles	2
8481 (con.)	IIX	Taps, cocks, valves and similar appliances, for pipes, boiler shells, tanks, vats or the like, including pressure-reducing valves and thermostatically controlled valves; parts thereof:	Quantity	General	Special	
8481.80		(con.) Other appliances: (con.)				
(con.) 8481.80.90		Other		2% <u>1/</u>	Free (A*, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA,	35%
	05	Solenoid valves	No.		PE, SG)	
	10		No.			
	15	Regulator valves, self-operating, for controlling variables such as temperature, pressure, flow and				
	20	liquid level  Other:  With electrical or electro-hydraulic actuators:  Control valves designed for proportional operation by a signal from a control	No.			
			No.			
	25 30	OtherWith hydraulic actuators				
	35	With pneumatic actuators:  Control valves designed for proportional operation by a signal from a control device	No.			
	40	Other	No.			
	45	With thermostatic actuators	No.			
8481.90	50	OtherParts:	No.			
8481.90.10	00	Of hand operated and check appliances: Of copper	kg	3%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	47%
8481.90.30	00	Of iron or steel	kg	5%	Free (A*, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
8481.90.50	00	Of other materials	kg	3%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
8481.90.90		Other		Free <u>2/</u>	, 53,	35%
	20	Of valves of subheading 8481.20:  Valve bodies	ka			
	40	Other	J			
	60	Other: Valve bodies	J			
	Ω1	Other:	ka			
	81 85	Steel forgings Other	J			

<sup>1/</sup> See 9903.88.03. 2/ See 9903.88.01.

Heading/ Subheading	Stat. Suf-	Article Description	Unit of		Rates of Duty 1	2
	fix	· · · · · · · · · · · · · · · · · · ·	Quantity	General	Special	
482		Ball or roller bearings, and parts thereof:				
482.10 482.10.10		Ball bearings:  Ball bearings with integral shafts		2.49/ 1/	Fron (A., All D. D.)	250/
102.10.10		Baii bearings with integral sharts		2.4% <u>1/</u>	Free (A+, AU, B, BH, CA, CL, CO, D, E,	33%
					IL, JO, MA, MX,	
					OM, P, PA, PE,	
					SG)	
					0.7% (KR)	
	40	Bearings having an outside diameter not over				
		30 mm	No.			
			kg			
	80	Other				
400 10 E0		Othor	kg	00/ 0/	Free /A . All D. Dill	C70/
482.10.50		Other		9% <u>2/</u>	Free (A+, AU, B, BH, CA, CL, CO, D, E,	6/%
					IL, JO, MA, MX,	
					OM, P, PA, PE,	
					SG)	
					2.7% (KR)	
	04	Unground bearings	No.			
		Other:				
	80	Thrust bearings				
			kg			
	12	Linear bearings				
			kg			
		Angular contact bearings:				
		Wheel hub bearings units:	l			
	16	Flanged				
			kg			
	24	Other				
	20	Other	kg			
	28	Otrier	No. kg			
		Radial bearings:	Ng			
		Single row bearings:				
	32	Maximum or full capacity type	No.			
			kg			
		Other bearings, having an outside				
		diameter of:				
	36	Under 9 mm	-			
		_	kg			
	44	9 mm and over but not over	N.			
		30 mm	No. kg			
	40	Over 00 mans but and access	'\9			
	48	Over 30 mm but not over 52 mm	No.			
		J2 11111	kg			
	52	Over 52 mm but not over	9			
	52	Over 52 mm but not over	No.			
		100 11111	kg			
	56	Over 100 mm	"			
	50	Over 100 mm	kg			
	60	Double row ball bearings				
	-	J	kg			
	64	Other	_			
	- '		kg			
	68	Other	~			
			kg			
			1		1	Ī

<sup>1/</sup> See 9903.88.03. 2/ See 9903.88.01.

Subheading Suffix Ball or roller bearings, and parts thereof: (con.)  Tapered roller bearings, including cone and tapered roller assemblies  Cup and cone assemblies entered as a set:  Wheel hub units:  Flanged		General 5.8% <u>1/</u>	1 Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG) 1.7% (KR)	67%
Tapered roller bearings, including cone and tapered roller assemblies  Cup and cone assemblies entered as a set:  Wheel hub units:  Flanged	No.		Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG)	67%
Tapered roller bearings, including cone and tapered roller assemblies  Cup and cone assemblies entered as a set:  Wheel hub units:  20 Flanged	No.	5.8% <u>1/</u>	CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG)	67%
Cup and cone assemblies entered as a set: Wheel hub units: Flanged	No.	5.8% <u>1/</u>	CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG)	67%
Wheel hub units: 20 Flanged		_	CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG)	
Wheel hub units: 20 Flanged			IL, JO, MA, MX, OM, P, PA, PE, SG)	
Wheel hub units: 20 Flanged			SG)	
Wheel hub units: 20 Flanged				
Wheel hub units: 20 Flanged			1.7% (KR)	Ī
Wheel hub units: 20 Flanged				
20 Flanged				
30 Other	kg			
[30] Other				
[ 50 ] Suiei	No.			
	kg			
Other:				
With cups having an outside diameter not	1			
exceeding 102 mm				
	kg		1	
61 With cups having an outside diameter			1	
exceeding 102 mm but not exceeding 203	1		1	
mm	No.		1	
	kg		1	
64 With cups having an outside diameter			1	
exceeding 203 mm but not exceeding 305			1	
mm	No.			
	kg			
67 Other	No.			
	kg		1	
Cone assemblies entered separately:				
70 For cups having an outside diameter not exceeding	g			
102 mm	No.			
	kg			
81 For cups having an outside diameter exceeding				
102 mm but not exceeding 203 mm	No.			
	kg			
90 Other	No.			
00101	kg			
482.30.00 Spherical roller bearings		5.8% 1/	Free (A, AU, B, BH,	67%
ap a sa a sa a ga		<u></u>	CA, CL, CO, D, E,	
			IL, JO, MA, MX,	
			OM, P, PA, PE,	
			SG)	
	1		1.7% (KR)	
40 Single row				
	kg			
80 Other	No.		1	
	kg		1	
482.40.00 00 Needle roller bearings		. 5.8% <u>1/</u>	Free (A, AU, B, BH,	67%
	kg		CA, CL, CO, D, E,	
			IL, JO, MA, MX,	
			OM, P, PA, PE,	
			SG)	
			1.7% (KR)	
482.50.00 00 Other cylindrical roller bearings	No	. 5.8% <u>1/</u>	Free (A, AU, B, BH,	67%
	kg		CA, CL, CO, D, E,	
			IL, JO, MA, MX,	
			OM, P, PA, PE,	
			SG)	
			1.7% (KR)	
			1	
			1	
			1	

	Stat. Suf-	Article Description	Unit		Rates of Duty	2
Subheading	Sut- fix	Article Description	of Quantity	General	1 Special	2
482 (con.)		Ball or roller bearings, and parts thereof: (con.)			-200.00	
3482.80.00		Other, including combined ball/roller bearings		5.8% <u>1/</u>	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG) 1.7% (KR)	67%
	20	Combined ball and spherical roller bearings	No. kg			
	40	Combined ball and needle roller bearings	No. kg			
	60	Combined ball and other cylindrical roller bearings	No. kg			
	80	Other	No. kg			
		Parts:	9			
482.91.00		Balls, needles and rollers		4.4% 1/	Free (A+, AU, B, BH,	45%
				· · ·	CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG) 1.3% (KR)	
		Balls:				
	10	Of alloy steel				
	20	Other				
	40	Needles	kg			
	50	Tapered rollers	kg		1	
	70	Spherical rollers	kg			
	80	Other cylindrical rollers	•		1	
		-	_		1	
	90	Other	kg			

Heading/	Stat.	Auticle Description	Unit		Rates of Duty	
ubheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
482 (con.)		Ball or roller bearings, and parts thereof: (con.)		Conciai	Орона	1
(30111)		Parts: (con.)				
482.99		Other:				
		Inner or outer rings or races:				
482.99.05	00	For ball bearings		. 9.9% <u>1/</u>	Free (A+, AU, B, BH,	, 67%
			kg		CA, CL, CO, D, E,	
					IL, JO, MA, MX,	
					OM, P, PA, PE, SG)	
					2.9% (KR)	
482.99.15		For tapered roller bearings		E 00/ 1/	Free (A+, AU, B, BH,	670/
402.33.13		For tapered folier bearings		3.6 % <u>1/</u>	CA, CL, CO, D, E,	
					IL, JO, MA, MX,	
					OM, P, PA, PE,	
					SG)	
					1.7% (KR)	
		Cups:				
	50	Having an outside diameter not	No			
		exceeding 203 mm	No. kg			
	70	Others				
	70	Other	No. kg			
	80	Other				
	00	Outer	kg			
482.99.25		Other		5.8% 1/	Free (A+, AU, B, BH,	67%
					CA, CL, CO, D, E,	,
					IL, JO, MA, MX,	
					OM, P, PA, PE,	
					SG)	
	20	For spherical roller bearings	No		1.7% (KR)	
	20	Tor spriencarroller bearings	kg			
	40	Fau mandle la comana	ľ			
	40	For needle bearings	kg			
	00	English of the Park San Landland Control	_			
	60	For other cylindrical roller bearings				
			kg			
	80	Other				
			kg			
				•	•	

	Stat.	Article Description	Unit		Rates of Duty	^
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
3482 (con.)		Ball or roller bearings, and parts thereof: (con.) Parts: (con.)				
3482.99 con.)		Other: (con.) Other:				
3482.99.35	00	Parts of ball bearings (including parts of ball bearings with integral shafts)	kg	9.9% <u>1/</u>	Free (A+, AU, B, BH, CA, CL, CO, D, E,	67%
					IL, JO, MA, MX, OM, P, PA, PE, SG) 2.9% (KR)	
482.99.45	00	Parts of tapered roller bearings	kg	5.8% <u>1/</u>	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG) 1.7% (KR)	67%
482.99.65		Other		5.8% <u>1/</u>	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG) 1.7% (KR)	67%
	10	For spherical roller bearings	ŭ			
	30	For needle bearings	kg			
	60	For other cylindrical roller bearings	kg			
	95	Other	kg			
3483		Transmission shafts (including camshafts and crankshafts) and cranks; bearing housings, housed bearings and plain shaft bearings; gears and gearing; ball or roller screws; gear boxes and other speed changers, including torque converters; flywheels and pulleys, including pulley blocks; clutches and shaft couplings (including universal joints); parts thereof:				
483.10		Transmission shafts (including camshafts and crankshafts) and cranks:  Camshafts and crankshafts:				
3483.10.10		Designed for use solely or principally with spark-ignition internal combustion piston engines or rotary engines		2.5% <u>2/</u>	Free (A, AU, B, BH,	35%
				_	C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	
	10	For vehicles of chapter 87: For motorcycles	No. kg			
	30	Other	No. kg			
	50	Other	No. kg			
483.10.30		Other		2.5% <u>2/</u>	C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA,	35%
	10	For vehicles of chapter 87	No. kg		PE, SG)	
	50	Other	No.			

<sup>1/</sup> See 9903.88.01. 2/ See 9903.88.03.

Heading/	Stat.		Unit		Rates of Duty	-
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
483 (con.)	IIA	Transmission shafts (including camshafts and crankshafts) and cranks; bearing housings, housed bearings and plain shaft bearings; gears and gearing; ball or roller screws; gear boxes and other speed changers, including torque converters; flywheels and pulleys, including pulley blocks; clutches and		General	<b>о</b> рестан	
483.10 con.) 483.10.50	00	shaft couplings (including universal joints); parts thereof: (con.) Transmission shafts (including camshafts and crankshafts) and cranks: (con.)	ka	Free 1/		30%
183.10.50	00	Other transmission shafts and cranks	kg	Free <u>1/</u>		30%

	Article Description	of Quantity	General	1 Special	2
				Special	
	Transmission shafts (including camshafts and crankshafts) and cranks; bearing housings, housed bearings and plain shaft bearings; gears and gearing; ball or roller screws; gear boxes and other speed changers, including torque converters; flywheels and pulleys, including pulley blocks; clutches and shaft couplings (including universal joints); parts thereof: (con.)				
	Housed bearings, incorporating ball or roller bearings: Flange, take-up, cartridge and hanger units		4.5% <u>1/</u>	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG) 1.3% (KR)	45%
40					
80			4 5% 1/	Free (A+ All BH	45%
40			1.5% <u>11</u>	CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG) 1.3% (KR)	1070
55	Bearing housings; plain shaft bearings:				
	Flange, take-up, cartridge and hanger units		4.5% <u>2/</u>	Free (A, AU, BH, C, CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG) 1.3% (KR)	45%
40		_			
80		J			150/
	Bearing housings:		4.5% <u>3/</u>	CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG) 1.3% (KR)	45%
		_			
40	Plain shaft bearings:	kg			
55					
65	Other	No.			
	Without housing:	kg			
70					
90	Other	_			
		9			
	40 80 40 80 20 40 55 65 70	Housed bearings, incorporating ball or roller bearings: Flange, take-up, cartridge and hanger units	Housed bearings, incorporating ball or roller bearings: Flange, take-up, cartridge and hanger units	Housed bearings, incorporating ball or roller bearings:   Flange, take-up, cartridge and hanger units	Housed bearings, incorporating ball or roller bearings: Flange, take-up, cartridge and hanger units.

<sup>1/</sup> See 9903.88.03. 2/ See 9903.88.01. 3/ See 9903.88.02.

Heading/	Stat.	Auticle Description	Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
8483 (con.)		Transmission shafts (including camshafts and crankshafts) and cranks; bearing housings, housed bearings and plain shaft bearings; gears and gearing; ball or roller screws; gear boxes and other speed changers, including torque converters; flywheels and pulleys, including pulley blocks; clutches and shaft couplings (including universal joints); parts thereof: (con.)				
3483.40		Gears and gearing, other than toothed wheels, chain sprockets and other transmission elements entered separately; ball or roller screws; gear boxes and other speed changers, including torque converters:				
3483.40.10	00	Torque converters	No	Free <u>1/</u>		27.5%
8483.40.30		Gear boxes and other speed changers:  Fixed ratio speed changers, multiple and variable ratio speed changers each ratio of which is selected by manual manipulation:  Imported for use with machines for making cellulosic pulp, paper or paperboard		Eroo 1/		27.5%
	40	Fixed ratio speed changers		1166 <u>17</u>		27.576
	80	Other				
8483.40.50		Other		2.5% <u>2/</u>	Free (A, AU, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	27.5%
	10	Fixed ratio speed changers	No.		·	
	50	Other				
3483.40.70	00	Other speed changers	No	25¢ each + 3.9% <u>2/</u>	Free (A, AU, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	\$4.50 each 65%
3483.40.80	00	Ball or roller screws	X	3.8% <u>1/</u>	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
3483.40.90	00	Gears and gearing, other than toothed wheels, chain				
		sprockets and other transmission elements entered separately	X	2.5% 1/	Free (A, AU, B, BH,	27 5%
8483.50			<b>X</b>	2.576 <u>17</u>	C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	27.376
3483.50.40	00	Flywheels and pulleys, including pulley blocks: Gray-iron awning or tackle pulleys, not over 6.4 cm in				
		wheel diameter	x	5.7% <u>2/</u>	Free (A, AU, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
0.400 E0.00	00	Other:	V	0.00/ 4/	Eroo (A. ALL D. D.)	4E0/
3483.50.60	00	Flywheels	Λ	12.8% <u>1/</u>	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
3483.50.90		Other		2.8% <u>1/</u>	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%

<sup>1/</sup> See 9903.88.01. 2/ See 9903.88.03.

Heading/ Subheading	Stat. Suf-	Article Description	Unit of		Rates of Duty	2
Subfleading	fix	Atticle Description	Quantity	General	Special	- 2
3483 (con.)		Transmission shafts (including camshafts and crankshafts) and cranks; bearing housings, housed bearings and plain shaft bearings; gears and gearing; ball or roller screws; gear boxes and other speed changers, including torque converters; flywheels and pulleys, including pulley blocks; clutches and				
3483.50 con.)		shaft couplings (including universal joints); parts thereof: (con.) Flywheels and pulleys, including pulley blocks: (con.)				
3483.50.90 con.)		Other: (con.) Other (con.)				
	40	Grooved pulleys				
	80	Other	X			

Heading/	Stat.				Rates of Duty		
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2	
8483 (con.)		Transmission shafts (including camshafts and crankshafts) and cranks; bearing housings, housed bearings and plain shaft bearings; gears and gearing; ball or roller screws; gear boxes and other speed changers, including torque converters; flywheels and pulleys, including pulley blocks; clutches and shaft couplings (including universal joints); parts thereof: (con.)		3	5,555.		
8483.60 8483.60.40		Clutches and shaft couplings (including universal joints): Clutches and universal joints		2.8% <u>1/</u>	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%	
	40	Clutches					
8483.60.80	80 00	Universal jointsOther	No. X	. 2.8% <u>2/</u>	Free (A+, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%	
8483.90		Toothed wheels, chain sprockets and other transmission			1 L, 30)		
8483.90.10		elements presented separately; parts: Chain sprockets and parts thereof		2.8% <u>1/</u>	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA,	45%	
	40	Found			PE, SG)		
	10 50	ForgedOther	•				
	50	Parts of bearing housings and plain shaft bearings:	kg				
8483.90.20	00	Parts of flange, take-up, cartridge and hanger units	X	4.5% <u>1/</u>	Free (A, AU, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%	
8483.90.30	00	Other	X	4.5% <u>1/</u>	Free (A+, AU, BH, C, CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG) 1.3% (KR)	45%	
8483.90.50	10	Parts of gearing, gear boxes and other speed changers		2.5% <u>2/</u>	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	27.5%	
	90	Other	kg				
8483.90.70	00	Other: Parts of articles of subheading 8483.20	X	5.5% <u>1/</u>	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%	
8483.90.80		Other		2.8% <u>1/</u>	Free (A+, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%	
	10	Parts of articles of subheading 8483.60.80	X	ī	1		

<sup>1/</sup> See 9903.88.01. 2/ See 9903.88.03.

Heading/ Subheading	Stat. Suf-	Article Description	Unit of		Rates of Duty	2
Gubrieading	fix	Attible Description	Quantity	General	Special	
3483 (con.) 3483.90 con.)		Transmission shafts (including camshafts and crankshafts) and cranks; bearing housings, housed bearings and plain shaft bearings; gears and gearing; ball or roller screws; gear boxes and other speed changers, including torque converters; flywheels and pulleys, including pulley blocks; clutches and shaft couplings (including universal joints); parts thereof: (con.)  Toothed wheels, chain sprockets and other transmission elements presented separately; parts: (con.)  Other: (con.)				
3483.90.80 con.)		Other (con.)				
	40	Parts of universal joints	Х			
	80	Other	×			

	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
3484		Gaskets and similar joints of metal sheeting combined with other material or of two or more layers of metal; sets or assortments of gaskets and similar joints, dissimilar in composition, put up in pouches, envelopes or similar packings; mechanical seals:		oon or all	Spoots.	
3484.10.00	00	Gaskets and similar joints of metal sheeting combined with other material or of two or more layers of metal	X	2.5% <u>1/</u>	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
484.20.00	00	Mechanical seals	No	3.9% <u>1/</u>	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
484.90.00	00	Other	No	2.5% <u>1/</u>	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
3486		Machines and apparatus of a kind used solely or principally for the manufacture of semiconductor boules or wafers, semiconductor devices, electronic integrated circuits or flat panel displays; machines and apparatus specified in Note 9 (C) to this chapter; parts and accessories:				
486.10.00	00	Machines and apparatus for the manufacture of boules or wafers	No	Free <u>2/</u>		35%
3486.20.00	00	Machines and apparatus for the manufacture of semiconductor devices or of electronic integrated circuits	No	Free <u>2/</u>		35%
3486.30.00	00	Machines and apparatus for the manufacture of flat panel displays		Free <u>2/</u>		35%
3486.40.00		Machines and apparatus specified in note 9 (C) to this chapter		Free <u>2/</u>		35%
	10 20	For the manufacture or repair of masks and reticles For assembling semiconductor devices or electronic				
	30	integrated circuits  For lifting, handling, loading or unloading of boules,				
3486.90.00	00	wafers, semiconductor devices, electronic integrated circuits and flat panel displays	No.	Free 2/		35%
3487		Machinery parts, not containing electrical connectors, insulators, coils, contacts or other electrical features, and not specified or included elsewhere in this chapter:				
3487.10.00	40	Ships' or boats' propellers and blades therefor  Of copper		Free <u>1/</u>		30%
3487.90.00	80	OtherOther		3.9% <u>1/</u>	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA,	45%
	40 80	Oil seals, other than those of chapter 40 Other	•		PE, SG)	

<sup>1/</sup> See 9903.88.01. 2/ See 9903.88.02.